

chool of

OCEANOGRAPHY



ADA 07881



This document has been approved for public release and sale; its distribution to unlimited.

REPORT DOCUMENTATION PAG	BEFORE COMPERING FORM
1. REPORT NUMBER 79-14 /	VT ACCESSION NO. 3. RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle)	5. TYPE OF REPORT & PERIOD COVERE
OPTICAL AND HYDROGRAPHICAL OBSERVATIO	NS L Data
OFF THE COAST OF PERU DURING MAY-JUNE	1979 (14) Data Report HUMBER
Hasong Pak	STORY A TO MOST
David Menzies J. Ronald V. Zaneveld	NR 083-102
9. PERFORMING ONGANIZATION NAME AND ADDRESS School of Oceanography	10. PROGRAM ELEMENT, PROJECT, TASH
Oregon State University Corvallis, OR 97331	NR 083-102
Office of Naval Research, Ocean Science	12. REPORT DATE May-June 1977
Technology Division, Arlington, VA 222	13. NUMBER OF PAGES
14. MONITORING AGENCY NAME & ADDRESS(II dillerent from	93 Controlling Office) 15. SECURITY CLASS. (of this report)
	unclassified
	15. DECLASSIFICATION/DOWNGRADING
16. DISTRIBUTION STATEMENT (of this Report)	
18. SUPPLEMENTARY NOTES	
IS. SUPPLEMENTARY NOTES	
19. KEY WORDS (Continue on reverse side if necessary and iden	Mark and American
13. NET WUKUS (Continue on reverse side II necessary and iden	iny by block number)
	- June 18, 1977, hydrographic and ere simultaneously made in situ off the ure, salinity and light transmission
EOBH AND	
DD 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE S/N 0102-014-6601	Unclassified BECURITY CLASSIFICATION OF THIS PAGE (When Deta Bo
	SECURITY CENSSIFICATION OF INIS PAGE (WIND DEED AND
272	218

OPTICAL AND HYDROGRAPHICAL OBSERVATIONS

OFF THE COAST OF PERU DURING MAY - JUNE 1977

by

Hasong Pak, David Menzies and J. Ronald V. Zaneveld

School of Oceanography Oregon State University Corvallis, Oregon 97331

Data Report 77 Ref. 79-14 September 1979

Ross Heath Dean

Approved for public release, distribution unlimited.

TABLE OF CONTENTS

Introduction	1
Station Location Map	8
Summary of Data	9
Acknowledgments	10
References	10
CTD and Beam Transmission Data	11

Accession For		
MTIS GRAMI DDC TAB Uncarnounced Justification		7
By		7
Dist Availand/or special	eg	
A	_	

Introduction

During the WELOC-77 cruise, May 21 - June 18, 1977, hydrographic and light beam transmission measurements were simultaneously made <u>in situ</u> off the coast of Peru on R/V WECOMA. Temperature, salinity and light transmission data are listed for standard depths, and their vertical profiles are also presented.

Hydrographic and Transmissometer Measurements

Measurements of conductivity, temperature and pressure were taken jointly with measurements of light transmission over a 1 meter pathlength. Temperature, conductivity, and pressure measurements were obtained with a CTD designed and built by the OSU optics group. Analog values proportional to temperature, pressure and conductivity are input into a data logging package which records digitized data on cassette tapes. Depth measurements are calculated using a temperature compensated 0-10,000 psia pressure transducer. The resolution for the transducer is 1.67 m. The temperature probe is calibrated for a range of 1.2°C to 31.2°C with a resolution of 0.01°C. The conductivity sensor is temperature compensated, and has a range of 0 to 65 μmho with a resolution of 0.02 μmho. Overall system error is estimated to be within 0.04°C temperature, 0.07 0/00 salinity, and 6.5 m depth. A bottom sensor was used to indicate when the instrument is within 2 meters of the bottom.

The OSU beam transmissiometer has a light emitting diode source with a peak output wavelength of 660 nm. The source is pulsed with a synchronous photodiode detector. The detector and source are in a common pressure housing and the light path is folded by means of a porro prism. The output of the LED is also constantly monitored by a photodiode with the same characteristics and electronics circuits as the other photodiode. The output of the instrument is given as the ratio of the light intensity that traverses the water to the directly measured LED intensity. The instrument is calibrated by setting the transmission in air to 87.1% which, due to different reflectivities in air and in water corresponds to 100% transmission in water. The output signal is recorded in the cassette data logger described above.

The electronics and temperature compensation yield transmission results which are consistent to within 0.5% transmission. The collimation angle of the source is approximately 0.2° and the detection angle of the receiver is less than 0.5°. More detailed description of the instrument is found in Bartz et al. (1978).

Depth determinations from the pressure measurements are made using the method as described by the Bissett-Berman Co. (1968). An average latitude of 8°S is used in the depth calculations which results in errors of less than 1 m at all but the 23°S stations. Salinity and temperature calculations are made using the equations of Brown (1966) and Bradshaw and Schleicher (1965). Sigma-t values are calculated using Knudsen's (1901) equations as outlined by Sweers (1971). From the calculated sigma-t values, the specific volume anomaly and the dynamic height anomaly are computed using the equations of Sweers (1971).

The percent transmission is the <u>in situ</u> value obtained from the 1 m beam transmissometer. This value must then be corrected for any variations in the index of refraction of the sea water at the lens interfaces due to pressure, salinity and temperature changes. The index of refraction is determined using a regression analysis which produces results nearly identical to those of the method of Leyendekkers (1977). The index-corrected transmission is then further corrected to determine the potential transmission the water sample would have if it were raised to the surace and remove the compression effects which effectively squeeze more water and particles into the 1 m light patch. This is computed using the expression for compressibility as obtained from Hill (1962). The value of the potential beam attenuation coefficient is merely the negative natural logarithm of the potential

transmission. The actual attenuation of light by the particulate matter alone could theoretically be computed by subtracting the beam attenuation coefficient for pure water (at a given temperature and salinity) from the potential beam attenuation coefficient obtained herein. However, the exact beam attenuation coefficient of pure water (and pure seawater) is not known. Some experimentalists (Clarke and James, 1939; Sullivan, 1963) have obtained values of c for pure water (for light of 650 nm wavelength) which range from 0.288 to 0.351. Values at 660 nm would be slightly higher (roughly between 0.320 and 0.390). In this way, the potential beam attenuation coefficient may be used to determine relative particle concentrations.

EQUATIONS USED IN THE CALCULATIONS

Salinity and Temperature:

See Brown (1966) and Bradshaw and Schleicher (1965) Depth:

From the Bissett-Berman Corporation (1968):

$$D = \frac{972.52p - 0.0021077p^2}{978.05(1 + 0.00529sin^2 + 0.005295in^2 + 0.005255in^2 + 0.005255in^2 + 0.00525in^2 + 0.00525in^2 + 0.00525in^2 + 0.00525in^2 + 0.00525in^2$$

Sigma-t, specific volume anomaly and dynamic height anomaly: See Sweers (1971)

Index of refraction:

From Leyendekkers (1977): $n^{2} = \frac{2 \times 10^{-3} \{A_{1} + \frac{A_{2}}{A_{3}}\} + 2 A_{4} e^{-A_{5}T} (\frac{1}{B})^{A_{6}} + 1.0}{1 - 10^{-3} \{A_{1} + \frac{A_{2}}{A_{3}}\} - A_{4} e^{-A_{5}T} (\frac{1}{B})^{A_{6}}}$ where n = absolute index of refraction of the seawater

T = temperature in °C

 $A_1 = -2.06378$

 $A_2 = 2.002484$

 $A_3 = 0.54214 - 0.0021896 T$

 $A_4 = 0.2053814$

 $A_5 = 6.0017 \times 10^{-5}$

 $A_6 = 0.887$

B = $A_7[1-0.315 \log (\frac{A_8+A_q+P}{A_8+1.0})]$

where p = pressure in bars

$$A_7 = \frac{1.000028}{[1-[(T-3.9863)^2(T+288.9414)/508929.2(T+68.12963)]]}$$

 $A_8 = 2671.8 + 19.454T - 0.2708T^2 + 0.0009798T^3$

 $A_9 = 6.8966S - 0.0703ST$

S = salinity in 0/00

However, this equation can be simplified and approximated to within

0.1% by using the following expression:

$$n = A_1 \alpha^2 + A_2 T^2 + A_3 S^2 + A_4 \alpha + A_5 S + A_6 T + A_7 P + A_8$$

where α = specific volume \underline{in} \underline{situ} in $\frac{ml}{gm}$

S = salinity in 0/00

T = temperature in °C

P = pressure in decibars

 $A_1 = 0.17695$

 $A_2 = -3.9907 \times 10^{-7}$

 $A_3 = -4.5527 \times 10^{-8}$

 $A_4 = -0.58215$

 $A_5 = -7.6046 \times 10^{-5}$

$$A_6 = -2.7807 \times 10^{-5}$$

$$A_7 = 4.701 \times 10^{-7}$$

Index-corrected transmission:

Through calculations of the optical setup in the transmittance we have:

$$C = - \ln \left\{ \frac{Tr}{1.012176 \left[1 - \left(\frac{n_p - n_w}{n_p + n_w}\right)^2\right]^2 \left[1 - \left(\frac{n_Q - n_w}{n_Q + n_w}\right)^2\right]}$$

where Tr = measured transmission in %

 $n_0 = 1.517645$

 $n_0 = 1.45640$

 $n_{\rm w}$ = index of refraction of water as calculated above

c = beam attenuation coefficient in m⁻¹

then

where

Tr corr = index-corrected transmission

Potential transmission:

The potential transmission is calculated as follows:

Pot TR =
$$(Tr_{corr})^{1-\mu p}$$

where p = pressure in decibars

$$\mu = \frac{\alpha_0 - \alpha}{p\alpha_0} \quad \text{from Hill (1962)}$$

where α_0 = specific volume at the surface in $\frac{m\epsilon}{am}$

 α = specific volume at pressure p in $\frac{m\ell}{qm}$

p = pressure in decibars

Potential C:

The potential beam attenuation coefficient is merely the negative natural logarithm of the potential transmission. That is:

SUMMARY OF TERMS LISTED (AND ACCURACY OF EACH)

DEPTH - actual depth in meters (± 6.5 m)

T - temperatures in °C (±0.04°C)

S - salinity in 0/00 (±0.07 0/00)

SIG-T - sigma-t in $\frac{g}{mx} \times 10^{+3}$ (<±0.01 $\frac{g}{mz} \times 10^{+3}$)

SVA - specific volume anomaly in $\frac{m\ell}{g} \times 10^5 (\pm 0.04 \frac{m\ell}{g} \times 10^5)$

DELD - dynamic height anomaly in dynamic meters (±2% of the value at any depth)

%TR - index-of-refraction-corrected beam transmission in % per meter($\pm 0.03\%$ transmission)

Pot TR - potential beam transmission in % transmission per meter $(\pm 0.03\%$ transmission)

Pot C - potential beam attenuation coefficient in m^{-1} (0.001 m^{-1})

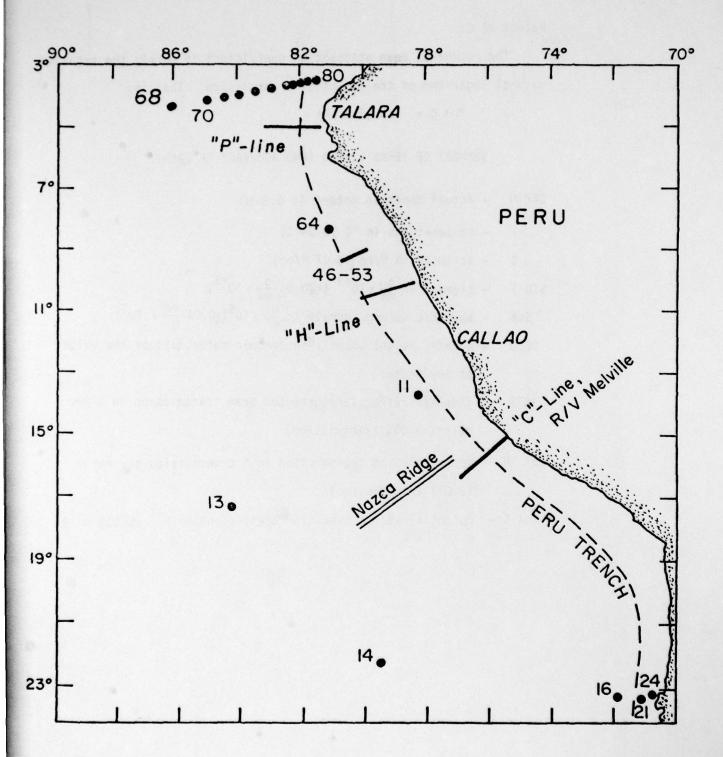


TABLE 1
SUMMARY OF DATA

Station Number	Date and Time	Location	Depth
11	5/23/77, 2100	13°49.2'S 78°17.2'W	4736 m
13	5/25/77, 1100	17°29.5'S 84°17.6'W	4648 m
14	5/27/77, 0700	22°14.6'S 79°30.4'W	4984 m
16	5/28/77, 1945	23°15.1'S 71°48.8'W	4599 m
21	5/30/77, 0002	23°20.6'S 70°56.8'W	3868 m
24	5/30/77, 1622	22°59.9'S 70°40.3'W	884 m
25	5/30/77, 1830	22°59.9	524 m
34	6/03/77, 0140	13°11.8'S 77°15.2'W	1422 m
46	6/07/77, 0705	09°59.5'S 79°23.5'W	220 m
47	6/07/77, 0800	09°02.5'S 79°59.2'W	543 m
48	6/07/77, 0900	09°03.5'S 80°03.5'W	1128 m
49	6/07/77, 1030	09°06.1'S 80°08.2'W	1733 m
50	6/07/77, 1130	09°07.3'S 80°13.1'W	2132 m
51	6/07/77, 1315	09°09.4'S 80°18.4'W	3089 m
52	6/07/77, 1515	09°00.0'S 80°25.4'W	4213 m
53	6/07/77, 1815	09°17.7'S 80°36.1'W	6273 m
63	6/09/77, 1225	08°20.4'S 81°01.8'W	6264 m
68	6/13/77, 0440	04°18.4'S 86°00.2'W	3556 m
70	6/13/77, 1545	04°10.8'S 84°58.3'W	3496 m
71	6/13/77, 2000	04°02.7'S 84°29.8'W	3374 m
72	6/13/77, 2340	03°55.8'S 83°59.1'W	3187 m
73	6/14/77, 0330	03°51.3'S 83°32.8'W	2778 m
74	6/14/77, 0715	03°44.9'S 83°03.1'W	3536 m
75	6/14/77, 1200	03°41.0'S 82°31.0'W	3659 m
*76	6/14/77, 1900	03°39.0'S 82°14.5'W	3733 m
77	6/14/77, 2045	03°36.2'S 82°00.1'W	4142 m
*78	6/15/77, 0000	03°33.2'S 81°44.9'W	3200 m
80	6/15/77, 0630	03°29.4'S 81°29.0'W	1967 m
82	6/15/77, 0845	03°41.7'S 81°26.0'W	999 m
85	6/16/77, 0015	03°28,8'S 81°16.8'W	536 m

^{*} Surface cast of top 500 m only.

Acknowledgments

We thank the captain and the crew of the R/V WECOMA for their help in collecting the data. The work was supported by the Office of Naval Research Contract N00014-76-0067 under project NR 083-102.

REFERENCES

- Bartz, R., J. R. V. Zaneveld, and H. Pak, 1978, A transmissometer for profiling and moored observations in water. In: Proceedings of Society of Photo-Optical Instrumentation Engineers, Vol. 160, Ocean Optics V.
- Bissett-Berman Corporation, 1968, Operation and maintenance manual for Salinity/Temperature/Depth measuring system model 9040, The Bissett-Berman Corp., San Diego, California.
- Bradshaw, A. and K. E. Schleicher, 1965, The effect of pressure on the electrical conductance of seawater, Deep-Sea Res., 12:151-162.
- Brown, N. L., 1966, The development of a precise set of data relating conductivity to salinity and temperature, Paper No. 18, Proc. of Conf. on Electronic Engineering in Oceanography, Inst. of Electrical and Radio Engineers, London.
- Clarke, G. L. and H. R. James, 1939, Laboratory analysis of the selective absorption of light by seawater, J. Opt. Soc. Amer., 29:43-55.
- Hill, M. N., 1962, The Sea, V. 1, Interscience Publishers, New York, 864 pp.
- Knudsen, M., 1901, Hydrographische Tabellen, G.E.C. Gad., Copenhagen; Williams and Norgate, London, 63 pp.
- Leyendekkers, J. V., 1977, Prediction of the refractive index of seawater as a function of temperature, pressure, salinity and wavelength, Mar. Chem., 5:29-42.
- Sullivan, S. A., 1963, Experimental study of the absorption in distilled water, artificial seawater, and heavy water in the visible region of the spectrum, J. Opt. Soc. Amer., 53; 962-968.
- Sweers, H. E., 1971, A comparison of methods used to calculated sigma-t, specific volume anomaly and dynamic height, MTS Journal, 5:7-25.

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	21.64	35.38	24.63	332.43	0.03	43.03	43.03	0.849
20	21.52	35.33	24.62	333.89	0.07	46.81	46.82	0.760
30	20.57	34.48	24.23	371.47	0.10	50.18	50.18	0.693
40	17.74	34.72	25.14	284.98	0.14	59.67	59.68	0.515
50	16.95	34.95	25.51	249.92	0.16	62.11	62.12	0.477
60	16.50	34.88	25.56	245.57	0.18	62.94	62.94	0.460
70	15.88	34.85	25.68	234.38	0.21	63.31	63.32	0.460
80	15.17	34.81	25.82	222.15	0.23	63.41	63.42	0.460
90	14.62	34.83	25.94	209.84	0.25	62.28	62.29	0.470
100	14.23	34.84	26.04	200.85	0.27	62.78	62.79	0.470
110	13.94	34.77	26.04	200.79	0.29	61.62	61.63	0.490
120	13.53	34.77	26.13	192.90	0.31	60.37	60.39	0.510
130	13.30	34.84	26.23	184.19	0.33	60.35	60.37	0.510
140	13.17	34.83	26.25	182.26	0.36	60.71	60.73	0.500
150	12.97	34.81	26.26	180.31	0.37	60.84	60.86	0.500
160	12.79	34.83	26.32	175.62	0.39	61.08	61.10	0.490
170	12.63	34.81	26.34	173.76	0.41	61.19	61.22	0.490
180	12.48	34.82	26.37	171.01	0.42	61.59	61.62	0.483
190	12.33	34.83	26.42	167.61	0.44	51.86	61.88	0.480
200	12.20	34.84	26.45	164.36	0.46	62.13		0.480
210	12.06	34.82	26.46		0.47	61.86	61.89	0.480
220	11.94	34.83	26.48	161.59	0.49	62.17	62.20	0.475
230	11.71	34.74	26.46	163.85	0.51	62.87	62.90	0.465
240	11.54	34.78	26.53	157.38	0.52	62.96	63.00	0.460
250	11.43	34.80	26.56	154.43	0.54	62.64	62.67	0.470
260	11.24	34.71	26.52	158.18	0.55	62.62	62.65	0.470
270	10.99	34.73	26.59	152.27	0.57	63.41	63.44	0.460
280	10.82	34.68	26.58	152.99	0.58	63.62	63.66	0.450
290	10.67	34.70	26.62	149.45	0.60	63.76	63.80	0.450
300	10.53	34.69	26.67	145.50	0.63	63.58	63.62	0.450
310 320	10.22	34.66	26.67	145.00	0.64	63.61	63.65	0.450
330	10.02	34.67	26.71	141.64	0.66	63.16	63.21	0.460
340	9.83	34.65	26.73	139.54	0.67	63.10	63.15	0.460
350	9.68	34.67	26.77	136.24	0.68	63.35	63.39	0.460
360	9.58	34.65	26.77	136.36	0.70	63.44	63.49	0.450
370	9.45	34.66	26.79	133.58	0.71	63.54	63.59	0.450
380	9.28	34.63	26.80	133.41	0.72	64.01	64.06	0.450
390	9.12	34.59	26.80	133.91	0.74	64.22	64.27	0.440
400	9.00	34.64	26.86	128.18	0.75	64.33	64.38	0.440
410	8.91	34.65	26.88	126.55	0.76	64.69	64.74	0.432
420	8.82	34.62	26.88	127.03	0.78	64.89	64.94	0.430
430	8.70	34.63	26.90	124.76	0.79	64.82	64.87	0.430
440	8.60	34.61	26.90	124.47	0.80	64.82	64.87	0.430
450	8.47	34.57	26.89	126.01	0.81	64.77	64.82	0.430
460	8.30	34.59	26.93	122.41	0.83	64.85	64.91	0.430
470	8.17	34.63	26.98	117.28	0.84	64.89	64.95	0.430
480	8.05	34.64	27.01	114.66	0.85	64.91	64.97	0.430
490	7.93	34.61	27.00	115.91	0.86	64.93	64.99	0.430
500	7.80	34.57	26.98	116.96	0.87	64.96	65.02	0.430
600	6.85	34.52	27.09	107.92	0.98	64.96	65.03	0.430
700	5.97	34.54	27.21	96.30	1.08	64.91	65.00	0.430
800	5.40	34.54	27.28	89.98	1.18	35.03	65.13	0.430
900	4.94	34.56	27.35	83.17 79.08	1.27	65.08 65.10	65.19 65.23	0.430
1000	4.58	34.30	x. / + 40	77.00	1.04	20.10	00+20	01400

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1100	4.16	34.57	27.45	75.10	1.42	65.16	65.30	0.430
1200	3.89	34.57	27.48	72.19	1.50	65.12	65.27	0.430
1300	3.57	34.67	27.59	61.47	1.56	65.10	65.27	0.430
1400	3.30	34.64	27.59	61.69	1.63	65.06	65.24	0.430
1500	3.10	34.64	27.61	59.47	1.68	65.00	65.19	0.430
1600	2.88	34.66	27.64	56.58	1.74	65.01	65.21	0.430
1700	2.73	34.67	27.67	54.30	1.80	65.05	65.26	0.430
1800 1900	2.60	34.68	27.69	52.51	1.95	64.96	65.19	0.430
2000	2.34	34.70	27.73	48.48	1.95	64.96	65.22	0.430
2100	2.23	34.71	27.75	46.87	1.99	64.92	65.19	0.430
2200	2.14	34.73	27.76	45.36	2.04	64.88	65.17	0.430
2300	2.06	34.73	27.77	44.81	2.09	64.88	65.18	0.430
2400	1.97	34.73	27.78	43.25	2.13	64.88	65.18	0.430
2500	1.92	34.75	27.80	41.86	2.17	64.90	65.22	0.430
2600 .	1.88	34.76	27.81	41.41	2.22	64.81	65.14	0.430
2700	1.84	34.75	27.81	41.52	2.26	64.71	65.06	0.430
2800	1.81	34.76	27.82	41.05	2.30	64.80	65.15	0.430
2900	1.81	34.76	27.82	41.46	2.34	64.82	65.19 65.18	0.430
3000	1.80	34.76	27.80	42.51	2.43	64.80	65.18	0.430
3200	1.79	34.76	27.82	42.07	2.47	64.80	65.20	0.430
3300	1.80	34.76	27.82	42.33	2.51	64.76	65.18	0.430
3400	1.80	34.75	27.81	43.33	2.56	64.69	65.13	0.430
3500	1.80	34.76	27.81	43.85	2.60	64.64	65.08	0.430
3600	1.79	34.75	27.81	44.04	2.64	64.51	64.97	0.430
3700	1.78	34.77	27.82	43.34	2.68	64.42	64.89	0.430
3800	1.78	34.75	27.81	44.08	2.73	64.33	64.81	0.439
3900	1.76	34.77	27.82	43.84	2.77	64.42	64.91	0.430
4000	1.76	34.77	27.83	43.76	2.82	64.39	64.90	0.430
4100	1.76	34.76	27.82 27.83	44.95	2.86	64.34	64.86	0.430
4300	1.76	34.77	27.83	44.60	2.95	64.19	64.73	0.440
4400	1.76	34.77	27.83	44.84	2.99	64.14	64.70	0.440
4500	1.76	34.78	27.84	44.31	3.04	64.07	64.64	0.440
4600	1.76	34.76	27.82	46.00	3.08	63.76	64.35	0.440
4700	1.77	34.76	27.82	46.88	3.13	63.54	64.14	0.448?
4734	1.78	34.84	27.89	41.26	3.15	63.67	64.27	0.440

*

WELOC 77 STA 13 25-MAY-77 1100 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	POT TR	POT C
10	21.65	35.61	24.80	316.64	0.03	62.29	62.29	0.470
20	21.65	35.60	24.79	317.18	0.07	62.28	62.29	0.470
30	21.65	35.61	24.80	316.85	0.10	62.28	62.29	0.470
40	21.65	35.60	24.79	318.35	0.13	62.38	62.38	0.470
50	21.65	35.61	24.80	317.76	0.16	62.42	62.42	0.470
60	20.34	35.25	24.87	311.69	0.19	61.28	61.29	0.493
70	18.08	35.09	25.34	267.20	0.22	60.77	60.78	0.497
80	17.80	35.20	25.49	253.25	0.24	62.22	62.23	0.478
90	17.49	35.17	25.55	247.87	0.27	63.33	63.34	0.459
100	17.20	35.15	25.60	242.71	0.29	63.76	63.77	0.450
110	17.02	35.15	25.64	239.13	0.32	64.11	64.12	0.450
120	16.56	35.03	25.66	237.62	0.34	64.50	64.52	0.440
130	16.30	35.00	25.69	234.77	0.37	64.72	64.74	0.440
140	15.82	34.81	25.66	238.15	0.39	64.87	64.88	0.430
150	15.24	34.77	25.76	229.00	0.41	64.95	64.97	0.430
160	14.50	34.59	25.79	226.67	0.43	65.06	65.08	0.430
170	13.75	34.52	25.90	216.60	0.46	65.11	65.13	0.430
180	13.02	34.45	25.99	208.10	0.48	65.07	65.09	0.430
190	12.38	34.45	26.10	196.88	0.50	65.05	65.08	0.430
200	12.05	34.48	26.19	188.25	0.52	65.10	65.12	0.430
210	11.88	34.63	26.34	174.24	0.53	65.06	65.09	0.430
220	11.77	34.68	26.40	168.70	0.55	65.05	65.07	0.430
230	11.48	34.60	26.40	169.20	0.57	65.03	65.05	0.430
240	11.23	34.65	26.48	162.28	0.59	65.11	65.14	0.430
250	11.02	34.65	26.53	157.99	0.60	65.10	65.14	0.430
260	10.83	34.65	26.55	154.82	0.62	65.11	65.15	0.430
270	10.70	34.64	26.57	153.53	0.63	65.12	65.16	0.430
280	10.55	34.65	26.60	150.93	0.65	65.13	65.16	0.430
290	10.40	34.64	26.62	149.01	0.66	65.16	65.19	0.430
300	10.27	34.65	26.65	147.03	0.68	65.15	65.19	0.430
310	10.15	34.65	26.68	144.88	0.70	65.15	65.19	0.430
320	10.01	34.62	26.67	144.86	0.71	65.10	65.14	0.430
330	9.88	34.64	26.72	140.75	0.72	65.12	65.16	0.430
340	9.73	34.63	26.73	139.88	0.73	65.08	65.12	0.430
350		34.63	26.76	137.07	0.75	65.08	65.12	0.430
360	9.38	34.65	26.81	132.88	0.73	65.04	65.09	0.430
370	9.22	34.63	26.81	132.65	0.78	65.06	65.10	0.430
380	9.07	34.58	26.80	133.08	0.79	45.08	65.12	0.430
390	8.88	34.59	26.84	129.69	0.80	65.05	65.10	0.430
400	8.71	34.61		126.46	0.82	65.06	65.11	0.430
410	8.55	34.60	26.89	124.93	0.83	65.04	65.09	0.430
420	8.42	34.56	26.89	125.63	0.84	65.01	65.06	0.430
430	8.24	34.62	26.96	118.57	0.85	64.97	65.02	0.430
440	8.13	34.60	26.97		0.87	65.00	65.05	0.430
450	8.00	34.54	26.94	118.38	0.88	65.00	65.06	0.430
460	7.91	34.56	26.97	118.01	0.89	45.00	65.06	0.430
470	7.81	34.55	26.97		0.90	65.03	65.09	0.430
480	7.67	34.50	26.95	117.83	0.90	65.05	65.11	0.430
490	7.54	34.54	27.00	119.29	0.92	65.10	65.16	0.430
				115.22			65.18	
500	7.45	34.55 34.53	27.03	113.13	0.94	65.12 65.18		0.430
600	6.58		27.13 27.21	103.63	1.04	65.27	65.26 65.36	0.430
700	5.84	34.51		96.20	1.14		65.39	0.430
800	5.27	34.50	27.27	91.14	1.24	65.29		0.430
900	4.79	34.51	27.34	84.67	1.33	45.37	65.48	0.420
1000	4.34	34.57	27.43	76.42	1.40	65.41	65.53	0.420

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1100	3.97	34.68	27.56	64.44	1.48	65.46	65.59	0.420
1200	3.64	34.62	27.55	65.20	1.55	65.47	65.62	0.420
1300	3.34	34.59	27.56	64.27	1.61	65.44	65.60	0.420
1400	3.07	34.61	27.60	60.38 55.51	1.68	65.50	65.68	
1600	2.70	34.66	27.65 27.65	55.36	1.79	65.49 65.52	65.72	0.420
1700	2.57	34.66	27.68	52.90	1.84	65.46	65.68	0.420
1800	2.43	34.66	27.68	52.27	1.84	65.44	65.67	0.420
1900	2.30	34.71	27.73	47.13	1.94	65.27	65.52	0.420
2000	2.20	34.67	27.71	49.15	2.00	65.33	65.58	0.420
2100	2.10	34.72	27.76	45.03	2.04	65.34	65.60	0.420
2200	2.03	34.71	27.76	45.20	2.08	65.36	65.64	0.420
2300	1.96	34.76	27.80	40.91	2.13	65.31	65.60	0.420
2400	1.90	34.71	27.77	44.43	2.17	65.27	65.57	0.420
2500	1.85	34.72	27.78	43.62	2.21	65.32	65.63	0.420
2600	1.82	34.73	27.80	42.28	2.25	65.34	65.66	0.420
2700	1.81	34.73	27.79	42.24	2.30	65.33	65.66	0.420
2800	1.79	34.74	27.81	42.00	2.34	65.18	65.54	0.420
2900	1.78	34.75	27.81	41.72	2.39	65.23	65.60	0.420
3000	1.78	34.77	27.83	40.64	2.42	65.23	65.61	0.420
3100	1.77	34.79	27.84	39.24	2.47	65.19	65.58	0.420
3200	1.77	34.74	27.80	43.26	2.51	65.09	65.49	0.420
3300	1.76	34.64	27.73	50.21	2.55	65.02	65.44	0.430
3400	1.76	34.59	27.69	54.41	2.60	64.98	65.41	0.430
3500	1.75	34.75	27.82	43.49	2.63	65.00	65.44	0.420
3600	1.75	34.74	27.81	44.42	2.68	64.96	65.42	0.430
3700	1.75	34.77	27.83	42.57	2.72	64.86	65.32	0.430
3800	1.75	34.74	27.81	44.99	2.77	64.80	65.28	0.430
3900	1.74	34.75	27.81	44.17	2.81	64.69	65.19	0.430
4000	1.74	34.73	27.80	45.92	2.86	64.67	65.17	0.430
4100	1.74	34.76	27.82	44.31	2.90	64.55	65.06	0.430
4200	1.75	34.80	27.85	41.45	2.95	64.49	65.02	0.430
4300	1.75	34.79	27.85	43.28	2.99	64.40	64.95	0.430
4400	1.77	34.71	27.79	48.83	3.04	64.26	64.82	0.436
4500	1.78	34.79	27.84	44.33	3.08	64.02	64.59	0.440
4600	1.79	34.78	27.83	45.69	3.13	63.87	64.45	0.440
4646	1.80	34.78	27.84	45.61	3.15	63.90	64.49	0.440

WELOC 77 STA 14B 27-MAY-77 0700 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	POT TR	POT C
10	20.46	35.26	24.85	311.01	0.04	62.47	62.47	0.470
20	20.46	35.26	24.86	311.22	0.07	62.47	62.47	0.470
30	20.46	35.25	24.85	312.35	0.10	62.47	62.48	0.470
40	20.46	35.25	24.85	312.83	0.13	62.47	62.48	0.470
		35.22		315.57			62.47	
50	20.46		24.82		0.16	62.47		0.470
60	19.33	34.14	24.29	366.34	0.19	59.03	59.04	0.532
70	16.41	34.28	25.12	287.48	0.22	60.34	60.35	0.505
80	15.56	34.35	25.37	264.78	0.25	61.71	61.72	0.485
90	15.05	34.36	25.49	253.43	0.28	62.76	62.77	0.466
100	14.71	34.48	25.65	237.70	0.30	63.25	63.26	0.460
110	14.39	34.40	25.66	237.11	0.32	63.62	63.63	0.450
120	14.05	34.32	25.67	236.67	0.35	63.91	63.93	0.450
130	13.58	34.28	25.74	230.66	0.37	64.16	64.17	0.444
140	12.92	34.12	25.75	229.28	0.40	64.37	64.39	0.440
150	12.44	34.14	25.85	219.57	0.41	64.48	64.49	0.440
160	11.97	34.17	25.97	208.12	0.43	64.55	64.57	0.440
170	11.56	34.20	26.08	198.94	0.45	64.75	64.77	0.440
180	11.28	34.37	26.25	182.15	0.47	64.76	64.78	0.440
190	11.19	34.43	26.32	175.27	0.49	64.77	64.79	0.440
200	11.11	34.47	26.36	171.55	0.51	64.77	64.80	0.440
210	11.05	34.55	26.44	165.08	0.53	64.75	64.78	0.440
220	11.07	34.58	26.46	163.45	0.55	64.75	64.78	0.440
230	10.99	34.58	26.47	162.72	0.56	64.78	64.81	0.440
240	10.88	34.60	26.51	159.33	0.58	64.74	64.77	0.440
250	10.70	34.45	26.42	167.24	0.59	64.76	64.79	0.436
260	10.21	34.41	26.47	162.38	0.61	64.78	64.81	0.430
270	9.81	34.43	26.56	154.11	0.62	64.81	64.84	0.430
280	9.56	34.41	26.58	152.33	0.64	64.81	64.85	0.430
290	9.35	34.46	26.66	144.85	0.65	64.79	64.82	0.437
300	9.19	34.44	26.67	144.26	0.67	64.84	64.88	0.430
310	9.08	34.46	26.71	140.74	0.68	64.88	64.92	0.430
320	8.98	34.47	26.73	138.57	0.70	64.85	64.89	0.430
330	8.87	34.46	26.74	138.43	0.71	64.90	64.94	0.430
340	8.71	34.43	26.74	137.85	0.72	64.87	54.91	0.430
350	8.58	34.47	26.79	133.63	0.74	64.89	64.93	0.430
360	8.34	34.41	26.78	134.27	0.75	64.90	64.95	0.430
370	8.11	34.41	26.82	131.05	0.77	64.92	64.96	0.430
380	7.95	34.48	26.90	123.83	0.78	64.92	64.97	0.430
390	7.89	34.48	26.91	122.67	0.79	64.93	34.98	0.430
400	7.83	34.43	26.88	125.58	0.80	64.91	64.96	0.430
410	7.67	34.43	26.89	123.99	0.82	64.88	64.94	0.430
420	7.47	34.39	26.89	123.98	0.83	64.97	65.03	0.430
430	7.27	34.39	26.93	120.65	0.84	65.07	65.12	0.430
440	7.17	34.41	26.95	118.32	0.85	65.12	65.17	0.430
450	7.08	34.36	26.92	121.20	0.86	65.12	65.18	0.430
460	6.93	34.41	26.99	115.26	0.87	65.12	35.18	0.430
470	6.84	34.40	26.99	114.86	0.89	65.17	65.23	0.430
480	6.79	34.45	27.04	110.44	0.90	65.18	65.24	0.430
490	6.71	34.45	27.04	110.06	0.91	65.18	65.24	0.430
500	6.66	34.45	27.05	109.43	0.92	63.36	63.42	0.457
600	5.97	34.44	27.13	102.33	1.02	65.30	65.38	0.430
700	5.43	34.46	27.13	94.83	1.13	65.33	65.42	0.430
800	4.98	34.50	27.30	87.64	1.21	65.33	65.43	0.430
	4.59	34.50	27.35	83.16	1.30	65.33	65.45	0.422
900	4.20	34.52	27.41	77.67	1.38	65.33	65.45	0.420
1000	4.20	34.02	27.41	//.0/	1.00	00.00	00140	0.420

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	POT TR	POT C
1100	3.85	34.57	27.48	70.83	1.46	65.37	65.51	0.420
1200	3.54	34.58	27.52	67.38	1.53	65.39	65.54	0.420
1300	3.28	34.59	27.55	64.02	1.59	65.39	65.55	0.420
1400	3.04	34.68	27.64	55.42	1.65	65.38	65.56	0.420
1500	2.87	34.64	27.63	56.80	1.71	65.47	65.65	0.420
1600	2.67	34.63	27.64	55.60	1.77	65.45	65.66	0.420
1700	2.51	34.65	27.67	52.99	1.82	65.44	65.65	0.420
1800	2.41	34.67	27.69	50.81	1.87	65.48	65.70	0.420
1900	2.29	34.67	27.71	49.83	1.92	65.45	65.69	0.420
2000	2.19	34.69	27.72	48.35	1.97	65.43	65.69	0.420
2100	2.13	34.70	27.74	46.44	2.02	65.39	65.66	0.420
2200	2.06	34.69	27.75	46.20	2.07	65.34	65.62	0.420
2300	2.00	34.68	27.74	47.13	2.11	65.38	65.68	0.420
2400	1.96	34.71	27.76	45.12	2.16	65.31	65.62	0.420
2500	1.90	34.72	27.78	44.32	2.20	65.34	65.66	0.420
2600	1.87	34.71	27.78	44.17	2.25	65.35	65.68	0.420
2700	1.84	34.69	27.76	45.90	2.29	65.37	65.71	0.420
2800	1.81	34.71	27.77	44.82	2.34	65.32	65.68	0.420
2900	1.80	34.72	27.78	44.45	2.38	65.32	65.68	0.420
3000	1.78	34.72	27.79	44.06	2.42	65.26	65.64	0.420
3100	1.77	34.72	27.79	43.90	2.47	65.21	65.60	0.420
3200	1.75	34.72	27.79	44.10	2.51	65.18	65.58	0.420
3300	1.74	34.71	27.78	45.61	2.56	65.12	65.54	0.420
3400	1.72	34.71	27.78	45.34	2.60	65.07	65.50	0.420
3500	1.72	34.72	27.79	44.79	2.64	65.00	65.44	0.429
3600	1.71	34.70	27.78	46.09	2.69	64.92	65.37	0.430
3700	1.72	34.71	27.78	46.00	2.74	64.84	65.30	0.430
3800	1.72	34.73	27.80	45.31	2.78	64.82	65.30	0.430
3900	1.73	34.70	27.77	47.80	2.83	64.76	65.25	0.430
4000	1.74	34.74	27.80	45.78	2.88	64.69	65.19	0.430
4100	1.75	34.71	27.78	47.78	2.92	64.55	65.07	0.430
4200	1.76	34.69	27.77	49.57	2.97	64.55	65.08	0.430
4300	1.77	34.68	27.76	50.77	3.02	64.45	64.99	0.430
4400	1.78	34.68	27.76	51.31	3.07	64.36	64.92	0.430
4500	1.79	34.69	27.76	51.18	3.12	64.23	64.81	0.440
4600	1.81	34.79	27.84	44.89	3.17	64.17	64.75	0.440
4700	1.82	34.70	27.77	51.80	3.23	64.11	64.71	0.440
4800	1.84	34.75	27.81	48.44	3.28	64.02	64.63	0.440
4900	1.85	34.69	27.76	53.69	3.33	63.83	64.46	0.440
4982	1.86	34.68	27.75	54.20	3.37	63.27	63.90	0.450

WELOC 77 STA 16 28-MAY-77 1945 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	19.89	35.14	24.91	305.67	0.03	60.55	60.55	0.500
20	19.89	35.12	24.90	307.23	0.06	60.54	60.54	0.500
30	18.67	33.82	24.22	372.16	0.11	57.98	57.99	0.549
40	15.72	34.24	25.25	274.27	0.13	58.76	58.76	0.532
50	14.75	34.29	25.49	251.05		61.32	61.32	0.491
60	13.88	34.42	25.79	223.81	0.18	62.72	62.73	0.472
70	13.24	34.33	25.85	218.53	0.20	63.82	63.83	0.450
80	12.64	34.25	25.90	213.54	0.22	64.32	64.33	0.440
90	12.15	34.28	26.03	201.58	0.25	64.55	64.56	0.440
100	11.90	34.39	26.16	189.51	0.26	64.57	64.59	0.440
110	11.78	34.52	26.28	177.77	0.28	64.80	64.81	0.435
120	11.84	34.67	26.38	168.28	0.30	65.07	65.08	0.430
130	11.87	34.64	26.36	171.53	0.32	65.04	65.06	0.430
140	11.79	34.77	26.47	160.54	0.33	64.97	64.99	0.430
150	11.90	34.75	26.44	164.10	0.34	64.93	64.94	0.430
160	11.79	34.70	26.42	166.08	0.36	64.58	64.60	0.440
170	11.68	34.73	26.47	161.76	0.38	63.56	63.58	0.457
180	11.52	34.72	26.48	160.66	0.39	64.37	64.39	0.440
190	11.38	34.69	26.49	160.53	0.41	64.86	64.88	0.433
200	11.20	34.65	26.49	160.08	0.43	64.94	64.96	0.430
210	11.00	34.66	26.53	156.25	0.44	65.11	65.14	0.430
220	10.86	34.65	26.55	154.55	0.46	65.14	65.16	0.430
230	10.71	34.63	26.55	154.00	0.47	65.24	65.26	0.430
240	10.59	34.65	26.60	150.70	0.49	65.26	65.28	0.430
250	10.45	34.68	26.64	146.52	0.51	65.23	65.26	0.430
260	10.38	34.65	26.62	148.23	0.52	65.24	65.27	0.430
270	10.22	34.65	26.67	144.62	0.53	65.14	65.17	0.430
280	10.08	34.62	26.66	145.26	0.55	65.10	65.14	0.430
290	9.93	34.64	26.70	142.08	0.56	65.15	65.18	0.430
300	9.82	34.64	26.72	139.85	0.58	65.16	65.19	0.430
310	9.70	34.58	26.70	142.43	0.59	65.17	65.21	0.430
320	9.49	34.54	26.70	142.11	0.60	65.16	65.20	0.430
330	9.33	34.54	26.73	139.38	0.62	65.13	65.17	0.430
340	9.14	34.52	26.73	138.55	0.63	65.11	65.15	0.430
350	8.92	34.47	26.74	138.23	0.65	65.09	65.13	0.430
360	8.80	34.54	26.81	131.82	0.66	65.08	65.13	0.430
370	8.66	34.51	26.81	131.69	0.67	65.04	65.08	0.430
380	8.52	34.53	26.85	128.26	0.69	65.06	65.11	0.430
390	8.42	34.55	26.88	125.80	0.70	65.05	65.10	0.430
400	8.26	34.55	26.91	123.00	0.71	65.03	65.08	0.430
410	8.13	34.55	26.93	121.47	0.72	65.04	65.09	0.430
420	8,05	34.53	26.92	121.82	0.74	65.05	65.10	0.430
430	7.92	34.51	26.92	121.93	0.75	65.05	65.10 65.10	0.430
440	7.79	34.50	26.94	120.59	0.76	65.04		0.430
450 460	7.67	34.49	26.95	119.86 118.05	0.77	65.08 65.17	65.14 65.22	0.430
					0.80	65.21	65.27	0.430
470 480	7.40	34.46	26.96	118.75	0.80	65.21	65.27	0.430
490	7.15	34.44	26.98	116.68	0.82	65.22	65.28	0.430
500	6.98	34.46	27.01	113.64	0.83	65.25	65.31	0.430
600	6.17	34.47	27.14	102.68	0.94	65.39	65.46	0.420
700	5.58	34.45	27.20	97.17	1.04	65.34	65.43	0.430
800	5.08	34.47	27.27	90.83	1.13	65.28	65.38	0.430
900	4.67	34.46	27.30	87.69	1.22	65.33	65.45	0.420
1000	4.27	34.51	27.40	79.49	1.30	65.37	65.49	0.420
	-					1		

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1100	3.91	34,53	27.45	74.58	1.38	65.37	65.50	0.420
1200	3.65	34.55	27.49	70.45	1.45	65.41	65.56	0.420
1300	3.39	34.57	27.53	66.76	1.51	65.31	65.47	0.420
1400	3.14	34.61	27.59	61.50	1.58	65.38	65.55	0.420
1500	2.90	34.61	27.61	59.48	1.64	65.32	65.51	0.420
1600	2.76	34.64	27.64	56.05	1.70	65.34	65.55	0.420
1700	2.58	34.66	27.68	52.93	1.75	65.35	65.57	0.420
1800	2.45	34.66	27.69	51.78	1.81	65.37	65.60	0.420
1900	2.34	34.69	27.71	49.28	1.85	65.35	65.59	0.420
2000	2.23	34.68	27.72	48.50	1.90	65,27	65.52	0.420
2100	2.14	34.69	27.73	47.26	1.95	65.29	65.55	0.420
2200	2.06	34.70	27.75	46.39	2.00	65.25	65.53	0.420
2300	1.99	34.70	27.76	45.29	2.05	65.22	65.52	0.420
2400	1.94	34.72	27.77	44.39	2.09	65.22	65.53	0.420
2500	1.98	34.72	27.77	43.87	2.14	65.25	65.56	0.420
2600	1.85	34.74	27.79	42.52	2.18	65.22	65.54	0.420
2700	1.82	34.73	27.79	42.83	2.22	65.22	65.56	0.420
2800	1.80	34.73	27.79	42.99	2.26	65.20	65.56	0.420
2900	1.78	34.71	27.78	44.40	2.31	65.28	65.64	0.420
3000	1.77	34.67	27.75	47.53	2.35	65.16	65.54	0.420
3100	1.76	34.69	27.76	46.37	2.40	65.10	65.49	0.420
3200	1.75	34.75	27.81	42.15	2.44		65.46	0.420
3300	1.75	34.70	27.78	45.88	2.48	65.00	65.42	0.430
3400	1.74	34.70	27.77	46.28	2.53	64.95	65.38	0.430
3500	1.73	34.72	27.79	45.51	2.58	64.93	65.37	0.430
3600	1.72	34.74	27.81	43.72	2.62	64.89	65.35	0.430
3700	1.72	34.71	27.78	46.35	2.66	64.83	65.30	0.430
3800	1.71	34.73	27.80	45.01	2.71	64.82	65.30	0.430
3900	1.71	34.74	27.80	45.10	2.76	64.74	65.23	0.430
4000	1.71	34.72	27.80	46.39	2.80 2.85	64.71	65.21 65.13	0.430
4100	1.71			46.58 45.95		64.61	65.13	0.430
4200 4300	1.71	34.74 34.71	27.81 27.79	47.49	2.90	64.60	65.03	0.430
4400	1.72	34.71	27.80	47.49	2.99	64.41	64.97	0.430
4500	1.72	34.71	27.78	48.63	3.04	64.31	64.88	0.430
4597	1.73	34.71	27.78	49.45	3.08	64.17	64.75	0.440
437/	1.13	34117	27.70	77.73	3.00	04411	04170	V+770

WELDC 77 STA 21 30-MAY-77 0002 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	17.08	34.42	25.06	291.35	0.04	49.38	49.38	0.779
20	15.66	34.63	25.56	244.44	0.06	60.86	60.86	0.500
30	15.22	34.64	25.66	234.56	0.08	62.84	62.84	0.466
40	14.62	34.53	25.71	230.66	0.10	63.65	63.65	0.450
50	13.82	34.45	25.82	220.18	0.13	63.95	63.95	0.450
60	13.42	34.50	25.94	209.27	0.15	64.06	64.07	0.450
70	13.10	34.33	25.87	215.87	0.17	64.33	64.34	0.440
80	12.60	34.57	26.16	188.96	0.19	64.63	64.65	0.440
90	12.83	34.82	26.31	175.32	0.21	64.35	64.36	0.440
100	12.95	34.74	26.22	183.70	0.22	63.30	63.31	0.460
110	12.78	34.75	26.26	180.00	0.24	63.30	63.31	0.460
120	12.66	34.75	26.29	177.25	0.26	63.48	63.49	0.457
130	12.57	34.81	26.35	172.15	0.28	63.04	63.06	0.460
140	12.46	34.76	26.33	174.19	0.30	62.91	62.93	0.464
150	12.37	34.79	26.38	170.15	0.31	63.00	63.02	0.460
160	12.26	34.75	26.37	171.14	0.33	63.18	63.20	0.460
170	12.14	34.69	26.34	173.41	0.34	63.77	63.79	0.450
180	12.05	34.85	26.49	160.21	0.36	63.52	63.54	0.452
190	12.01	34.77	26.43	166.35	0.38	63.21	63.24	0.460
200	11.90	34.83	26.49	160.06	0.40	63.39	63.42	0.460
210	11.84	34.84	26.52	158.05	0.42	63.39	63.42	0.460
220	11.76	34.78	26.48	161.70	0.43	63.40	63.43	0.460
230	11.64	34.74	26.48	162.14	0.44	63.62	63.65	0.450
240	11.52	34.75	26.50	160.19	0.46	63.76	63.79	0.450
250	11.36	34.72	26.51	159.22	0.48	63.86	63.89	0.450
260	11.25	34.74	26.54	156.30	0.49	63.91	63.94	0.450
270	11.12	34.74	26.57	154.17	0.50	63.97	64.00	0.450
280 290	10.99	34.68	26.55	155.86 151.63	0.52	64.17	64.20	0.440
	10.79	34.70	26.60	152.33	0.54	64.39	64.43	0.440
300 310	10.59	34.68	26.64	148.08	0.57	64.48	64.52	0.440
320	10.46	34.63	26.60	152.11	0.58	64.72	64.76	0.439
330	10.24	34.60	26.62	150.28	0.60	65.21	65.25	0.430
340	10.07	34.61	26.66	146.69	0.61	65.14	65.18	0.430
350	9.80	34.56	26.66	146.36	0.63	65.12	65.16	0.430
360	9.60	34.61	26.73	139.70	0.64	65.13	65.17	0.430
370	9.43	34.59	26.75	137.86	0.66	65.14	65.19	0.430
380	9.36	34.58	26.75	138.22	0.67	65.20	65.25	0.430
390	9.28	34.59	26.77	136.50	0.68	65.22	65.27	0.430
400	9.14	34.54	26.76	138.09	0.70	65.14	65.18	0.430
410	9.04	34.61	26.83	131.52	0.71	65.16	65.21	0.430
420	8.94	34.58	26.83	131.79	0.72	65.16	65.21	0.430
430	8.81	34.55	26.82	132.29	0.74	65.11	65.17	0.430
440	8.68	34.51	26.82	133.21	0.75	65.05	65.10	0.430
450	8.51	34.50	26.83	131.56	0.76	65.04	65.09	0.430
460	8.37	34.54	26.88	127.29	0.78	65.01	65.07	0.430
470	8.22	34.52	26.89	126.28	0.79	65.01	65.07	0.430
480	8.09	34.57	26.94	121.33	0.80	64.97	65.03	0.430
490 500	7.96	34.50	26.91	123.98	0.81	65.02 65.06	65.08 65.12	0.430
600	6.33	34.42	27.08	108.36	0.94	65.29	65.37	0.430
700	5.66	34.44	27.18	99.17	1.05	65.24	65.33	0.430
800	5.07	34.48	27.10	90.28	1.14	65.11	65.21	0.430
900	4.65	34.50	27.34	84.50	1.23	65.13	65.25	0.430
1000	4.28	34.53	27.41	78.01	1.31	65.18	65.31	0.430

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1100	3.91	34.56	27.46	72.90	1.38	64.86	65.01	0.430
1200	3.64	34.62	27.54	65.36	1.45	65.09	65.25	0.430
1300	3.36	34.59	27.55	64.84	1.52	65.16	65.33	0.430
1400	3.13	34.56	27.54	65.18	1.59	65.07	65.25	0.430
1500	2.92	34.61	27.61	59.30	1.64	65.11	65.30	0.430
1600	2.77	34.64	27.64	56.49	1.70	65.16	65.36	0.430
1700	2.59	34.61	27.64	56.83	1.76	65.15	65.37	0.430
1800	2.47	34.66	27.69	52.18	1.81	65.10	65.33	0.430
1900	2.35	34.65	27.69	52.02	1.87	65.24	65.48	0.420
2000	2.23	34.68	27.72	48.76	1.91	65.35	65.60	0.420
2100	2.13	34.68	27.73	47.81	1.96	65.28	65.55	0.420
2200	2.03	34.70	27.75	46.14	2.01	65.24	65.52	0.420
2300	1.96	34.74	27.79	42.78	2.05	65.21	65.50	0.420
2400	1.92	34.71	27.77	44.85	2.10	65.20	65.50	0.420
2500	1.87	34.72	27.78	43.49	2.14	65.21	65.52	0.420
2600	1.84	34.71	27.77	44.47	2.19	65.16	65.49	0.420
2700	1.81	34.72	27.79	43.44	2.23	65.14	65.49	0.420
2800	1.78	34.70	27.77	44.40	2.27	65.09	65.44	0.421
2900	1.77	34.71	27.78	44.02	2.32	65.04	65.41	0.430
3000	1.76	34.73	27.79	43.17	2.37	64.99	65.37	0.430
3100	1.76	34.71	27.78	44.78	2.42	64.96	65.36	0.430
3200	1.76	34.71	27.78	45.33	2.46	64.91	65.32	0.430
3300	1.76	34.71	27.78	45.50	2.51	64.83	65.25	0.430
3400	1.76	34.73	27.79	44.59	2.55	64.76	65.19	0.430
3500	1.74	34.71	27.78	45.61	2.60	64.80	65.25	0.430
3600	1.71	34.73	27.80	44.38	2.64	64.78	65.23	0.430
3700	1.70	34.72	27.79	45.37	2.69	64.79	65.26	0.430
3800	1.69	34.70	27.78	47.09	2.74	64.72	65.21	0.430
3866	1.70	34.68	27.76	48.60	2.77	64.57	65.06	0.430

WELOC 77 STA 24 30-MAY-77 1622 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	POT TR	POT C
10	15.90	34.67	25.53	246.72	0.03	30.38	30.38	1.198
20	15.41	34.68	25.66	234.88	0.05	53.07	53.07	0.630
30	15.14	34.59	25.64	236.57	0.07	58.64	58.64	0.532
40	14.83	34.67	25.78	224.31	0.09	60.34	60.35	0.507
50	14.55	34.65	25.82	220.61	0.12	60.83	60.84	0.500
60	13.96	34.58	25.90	213.50	0.14	61.09	61.09	0.490
70	13.46	34.68	26.07	196.88	0.17	61.31	61.32	0.490
80	13.18	34.68	26.12	192.37	0.18	61.73	61.74	0.480
90	12.94	34.79	26.27	178.93	0.20	62.22	62.23	0.471
100	12.91	34.79	26.27	179.08	0.22	62.35	62.37	0.470
110	12.89	34.79	26.27	179.20	0.24	62.65	62.67	0.470
120	12.83	34.76	26.26	179.76	0.25	62.98	63.00	0.460
130	12.77	34.81	26.31	176.25	0.27	63.03	63.05	0.460
140	12.73	34.79	26.30	176.73	0.29	62.84	62.85	0.470
150	12.64	34.78	26.31	176.20	0.31	62.56	62.58	0.470
160	12.57	34.80	26.34	173.62	0.32	62.34	62.37	0.470
170	12.52	34.78	26.34	173.79	0.34	62.49	62.51	0.470
180	12.42	34.76	26.35	173.93	0.36	62.93	62.95	0.460
190	12.33	34.78	26.38	171.04	0.37	62.99	63.01	0.460
200	12.22	34.75	26.37	171.39	0.39	63.24	63.27	0.460
210	12.13	34.73	26.38	171.34	0.41	63.40	63.43	0.460
220	11.98	34.72	26.40	169.58	0.43	63.51	63.54	0.450
230	11.81	34.72	26.43	167.09	0.44	63.72	63.75	0.450
240	11.65	34.77	26.49	161.05	0.46	64.23	64.26	0.440
250	11.58	34.76	26.50	159.90	0.47	64.35	64.38	0.440
260	11.49	34.77	26.52	158.48	0.49	64.03	64.06	0.449
270	11.43 -		26.48	162.60	0.50	64.17	64.20	0.447
280	11.28	34.70	26.52	159.59	0.52	64.67	64.70	0.440
290	11.16	34.71	26.54	157.41	0.54	64.64	64.68	0.440
300	10.99	34.68	26.55	156.32	0.55	64.99	64.94	0.430
310 320	10.84	34.70	26.59	152.72 153.06	0.58	64.94	64.98	0.430
330	10.60	34.68	26.62	150.22	0.60	65.00	65.04	0.430
340	10.50	34.67	26.63	149.72	0.62	65.03	65.07	0.430
350	10.34	34.66	26.65	147.88	0.63	65.10	65.14	0.430
360	10.18	34.66	26.68	145.57	0.65	65.07	65.12	0.430
370	10.05	34.69	26.72	141.53	0.66	65.13	65.17	0.430
380	9.96	34.70	26.74	139.90	0.67	65.07	65.11	0.430
390	9.86	34.54	26.63	150.00	0.69	65.17	65.22	0.430
400	9.73	34.67		138.32		65.16	65.21	0.430
410	9.60	34.63	26.76	138.84	0.72	65.11	65.16	0.430
420	9.47	34.61	26.76	138.91	0.73	65.10	65.15	0.430
430	9.26	34.63	26.81	134.18	0.74	65.13	65.19	0.430
440	9.12	34.56	26.78	136.37	0.76	65.07	65.12	0.430
450	8.87	34.52	26.78	136.27	0.77	65.02	65.07	0.430
460	8.64	34.46	26.78	137.04	0.78	65.03	65.09	0.430
470	8.32	34.47	26.83	131.39	0.80	64.97	65.02	0.430
480	8.09	34.50	26.89	125.92	0.81	64.80	64.86	0.430
490	7.89	34.51	26.93	121.74	0.82	64.77	64.83	0.430
500	7.76	34.51	26.95	120.32	0.83	64.78	64.84	0.430
600	6.33	34.43	27.08	107.53	0.95	65.12	65.19	0.430
700	5.89	34.49	27.18	98.86	1.05	65.21 65.22	65.30 65.32	0.430
800	5.01	34.44	27.25	91.67				
882	4.47	34.51	27.37	81.14	1.22	65.16	65.28	0.430

WELOC 77 STA 258 30-MAY-77 1830 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	15.35	34.56	25.58	242.34	0.02	54.21	54.21	0.622
20	14.85	34.61	25.72	229.01	0.05	60.25	60.25	0.510
30	14.49	34.50	25.72	229.69	0.08	60.91	60.91	0.496
40	14.03	34.66	25.93	209.41	0.10	61.34	61.34	0.490
50	13.72	34.66	26.01	202,70	0.12	61.39	61.40	0.490
60	13.46	34.79	26.15	189.01	0.13	62.00	62.00	0.481
70	13.42	34.77	26.15	189.47	0.15	62.79	62.80	0.470
80	13.36	34.73	26.13	191.79	0.17	62.92	62.93	0.460
90	13.16	34.71	26.16	189.74	0.19	62.44	62.45	0.470
100	12.89	34.75	26.25	181.02	0.21	62.69	62.70	0.470
110	12.84	34.76	26.26	180.51	0.23	62.78	62.79	0.470
120	12.79	34.71	26.23	183.32	0.25	62.80	62.81	0.465
130	12.74	34.78	26.30	176.95	0.27	62.08	62.10	0.480
140	12.68	34.80	26.32	175.41	0.28	61.89	61.91	0.480
150	12.67	34.79	26.32	175.69	0.30	62.15	62.17	0.480
160	12.61	34.81	26.34	173.30	0.31	62.50	62.52	0.470
170	12.58	34.82	26.36	171.83	0.33	62.41	62.43	0.470
180	12.56	34.81	26.36	172.69	0.35	62.38	62.41	0.470
190	12.51	34.80	26.35	172.94	0.37	62.50	62.52	0.470
200	12.49	34.79	26.35	174.25	0.39	62.53	62.55	0.470
210	12.36	34.73	26.34	175.65	0.40	62.94	62.97	0.460
220	12.22	34.76	26.38	171.24	0.42	63.12	63.15	0.460
230	12.12	34.76	26.39	170.03	0.44	63.21	63.24	0.460
240	12.04	34.73	26.39	170.37	0.45	63.30	63.33	0.460
250	11.92	34.72	26.40	170.03	0.47	63.35	63.39	0.460
260	11.73	34.68	26.41	169.16	0.49	63.59	63.62	0.451
270	11.40	34.59	26.41	169.75	0.51	64.03	64.07	0.444
280	11.04	34.63	26.50	160.74	0.52	64.32	64.35	0.440
290	10.77	34.62	26.54	156.97	0.54	64.51	64.55	0.440
300	10.60	34.65	26.60	152.18	0.55 0.57	64.58	64.62	0.440
310	10.51	34.62	26.59	153.03		64.70	64.74	0.440
320	10.39	34.65	26.64	148.75	0.58	64.83	64.86	0.430
330	10.30	34.69	26.68	144.61	0.61	65.08	65.12	0.430
340 350	10.20	34.66	26.67	142.43	0.62	65.14	65.19	0.430
360	9.99	34,67	26.66	146.94	0.64	65.19	65.23	0.430
370	9.89	34.62	26.70	143.89	0.65	65.16	65.20	0.430
380	9.67	34.60	26.72	141.77	0.67	64.90	64.94	0.430
390	9.59	34.59	26.73	140.62	0.48	64.90	64.95	0.430
400	9.41	34.56	26.72	141.43	0.70	64.93	64.98	0.430
410	9.20	34.57	26.76	137.13	0.71	64.77	64.82	0.437
420	9.07	34.52	26.75	139.09	0.73	64.70	64.76	0.440
430	8.87	34.50	26.76	137.59	0.74	64.64	64.70	0.440
440	8.56	34.35	26.70	143.46	0.75	64.54.	64.59	0.440
450	8.17	34.50	26.87	126.60	0.76	64.55	64.60	0.440
460	8.03	34.52	26.91	123.76	0.78	64.57	64.63	0.440
470	7,87	34.43	26.87	127.27	0.79	64.59	64.65	0.440
480	7.64	34.42	26.90	124.61	0.80	64.63	64.69	0.440
490	7.51	34.42	26.92	122.83	0.81	64.65	64.71	0.440
500	7.14	34.39	26.94	120.43	0.83	64.68	64.75	0.440
524	6.85	34.47	27.04	110.81	0.85	64.69	64.76	0.440

WELOC 77 STA 34 3-JUN-77 0140 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	17.59	34.59	25.07	290.12	0.03	40.35	40.35	0.916
20	15.80	34.86	25.71	230.16	0.06	55.27	55.27	0.597
30	15.37	35.02	25.93	209.52	0.08	59.91	59.91	0.511
40	15.11	34.91	25.90	213.17	0.09	62.40	62.40	0.476
50	14.90	34.92	25.94	208.45	0.11	63.01	63.02	0.460
60	14.67	34.87	25.96	207.38	0.14	63.47	63.48	0.451
70	14.39	34.84	26.01	203.38	0.16	63.99	64.00	0.450
80	14.01	34.82	26.06	198.07	0.18	64.29	64.30	0.442
90	13.76	34.89	26.17	187.99	0.20	64.59	64.60	0.440
100	13.65	34.85	26.16	188.76	0.22	63.80	63.82	0.452
110	13.45	34.78	26.14	190.72	0.23	60.18	60.20	0.510
120	13.18	34.86	26.28	179.21	0.26	61.03	61.04	0.495
130	13.05	34.85	26.29	177.70	0.27	61.52	61.54	0.485
140	12.91	34.84	26.30	176.69	0.29	62.73	62.75	0.466
150	12.83	34.86	26.33	174.06	0.30	62.95	62.97	0.460
160	12.73	34.84	26.34	173.39	0.32	63.08	63.10	0.460
170	12.65	34.88	26.39	169.64	0.34	63.24	63.26	0.460
180	12.56	34.83	26.36	171.64	0.36	63.23	63.25	0.460
190	12.43	34.83	26.40	169.36	0.37	63.28	63.30	0.460
200	12.36	34.85	26.43	166.65	0.40	63.42	63.45	0.460
210	12.23	34.81	26.42	167.18	0.41	63.55	63.57	0.451
220	12.07	34.78	26.43	166.86	0.42	63.09	63.12	0.460
230	11.90	34.80	26.47	162.81	0.44	63.00	63.03	0.460
240	11.76	34.85	26.54	156.84	0.46	63.62	63.65	0.450
250	11.69	34.83	26.53	157.47	0.48	64.15	64.18	0.444
260	11.57	34.79	26.53	158.36	0.49	63.96	63.99	0.449
270	11.48	34.78	26.54	157.25	0.50	63.08	63.12	0.460
280	11.34	34.75	26.54	157.30	0.52	63.47	63.50	0.455
290	11.16	34.72	26.55	156.04	0.54	61.91	61.95	0.477
300	11.07	34.75	26.59	152.83	0.55	60.74	60.78	0.500
310	11.01	34.73	26.59	153.54	0.57	61.06	61.10	0.496
320	10.90	34.71	26.59	153.03	0.58	61.43	61.47	0.490
330	10.74	34.64	26.57	155.72	0.60	61.43	61.48	0.490
340	10.46	34.67	26.64	149.39	0.61	61.09	61.13	0.490
350	10.27	34.69	26.69	144.74	0.63	61.00	61.05	0.490
360	10.12	34.64	26.67	146.34	0.64	61.10	61.15	0.490
370	9.88	34.65	26.73	141.27	0.66	61.03	61.08	0.490
380	9.76	34.65	26.74	139.60	0.67	61.09	61.14	0.490
390	9.60	34.65	26.77	136.97	0.68	61.15	61.21	0.490
400	9.53	34.62		138.85		61.25	61.31	0.490
410	9.36	34.51	26.70	144.16	0.72	62.10	62.16	0.475
420	8.92	34.52	26.78	135.70	0.73	63.94	63.99	0.443
430	8.69	34.55	26.84	130.67		64.58	64.64	
440	8.58	34.59	26.89	125.88	0.75	64.61	64.68	0.440
450 460	8.41 8.35	34.66	26.92	122.29	0.78	64.01	64.66	0.445
470	8.28				0.79	64.26	64.32	0.445
480	8.14	34.56	26.91	124.50	0.80	64.56	64.62	0.440
490	8.00	34.53	26.93	122.46	0.81	64.70	64.76	0.440
500	7.84	34.50	26.93	122.25	0.83	64.73	64.79	0.440
600	6.99	34.56	27.09	107.78	0.94	64.21	64.29	0.440
700	6.18	34.52	27.17	100.42	1.04	64.35	64.44	0.440
800	5.17	34.52	27.30	88.75	1.14	64.70	64.81	0.435
900	4.77	34.53	27.35	83.32	1.22	64.87	64.99	0.430
1000	4.41	34.54	27.40	78.88	1.30	64.73	64.86	0.430

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1100	3.94	34.59	27.48	70.78	1.37	64.79	64.93	0.430
1200	3.61	34.66	27.58	62.21	1.44	64.79	64.94	0.430
1300	3.24	34.64	27.60	59.73	1.50	63.23	63.40	0.460
1400	3.01	34.63	27.61	58.67	1.56	61.44	61.63	0.482
1420	2.99	34.64	27.62	57.81	1.57	58.80	59.00	0.530

WELOC 77 STA 46 7-JUN-77 0705 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	POT TR	POT C
10	18.86	35.16	25.20	278.45	0.03	42.66	42.66	0.850
20	18.28	34.87	25.12	285.75	0.06	47.25	47.25	0.750
30	17.71	35.07	25.41	258.19	0.09	51.44	51.44	0.667
40	17.41	34.83	25.31	269.20	0.11	56.66	56.66	0.568
50	16.31	34.78	25.53	248.08	0.13	61.71	61.72	0.487
60	15.67	35.02	25.86	217.53	0.16	62.63	62.64	0.470
70	15.26	34.94	25.89	214.60	0.18	62.50	62.51	0.470
80	14.95	35.01	26.01	203.11	0.20	62.63	62.64	0.470
90	14.89	35.02	26.03	201.73	0.22	62.73	62.74	0.470
100	14.79	35.00	26.03	201.65	0.24	62.61	62.63	0.470
110	14.75	35.02	26.06	199.45	0.26	62.48	62.49	0.470
120	14.74	34.99	26.05	200.92	0.28	62.73	62.74	0.470
130	14.67	34.99	26.06	200.30	0.30	62.44	62.46	0.470
140	14.63	35.00	26.07	199.31	0.32	61.75	61.77	0.480
150	14.55	34.99	26.08	198.45	0.34	60.19	60.21	0.504
160	14.47	34.97	26.09	198.36	0.36	58.05	58.07	0.547
170	14.38	34.99	26.11	195.49	0.38	54.88	54.91	0.603
180	14.27	34.99	26.14	193.70	0.40	53.16	53.19	0.630
190	14.20	34.97	26.14	194.37	0.42	53.63	53.66	0.620
200	14.08	34.93	26.13	194.86	0.44	54.21	54.24	0.610
210	14.00	34.97	26.18	190.74	0.46	54.23	54.26	0.610
218	13.95	34.91	26.14	193.94	0.47	54.31	54.34	0.610

WELOC 77 STA 47 7-JUN-77 0800 DN CAST

10 18.73 34.98 25.10 287.99 0.03 45.03 45.03 0.800 20 18.34 35.04 25.24 274.43 0.06 45.43 45.44 0.793 30 17.82 34.74 25.13 285.17 0.99 51.88 51.89 0.666 40 16.95 34.92 25.49 251.67 0.11 61.24 61.25 0.492 50 16.48 35.04 25.69 233.02 0.13 62.65 62.66 0.470 60 16.09 35.02 25.76 226.32 0.16 63.33 63.34 0.460 70 15.91 35.07 25.84 218.97 0.18 63.38 63.39 0.460 80 15.65 35.05 25.89 215.18 0.20 63.59 63.60 0.453 90 15.47 35.05 25.89 215.18 0.20 63.59 63.60 0.453 90 15.47 35.05 25.94 211.47 0.22 63.46 63.48 0.452 100 15.27 34.99 25.92 212.08 0.24 62.77 62.78 0.470 110 14.90 34.96 25.98 206.97 0.26 62.95 62.96 0.461 120 14.74 34.98 26.03 202.18 0.29 62.74 62.75 0.470 130 14.68 34.98 26.05 200.73 0.31 62.61 62.63 0.470 140 14.61 34.99 26.07 199.61 0.33 62.74 62.76 0.470 150 14.54 34.98 26.08 199.00 0.35 62.96 62.98 0.460 160 14.50 35.02 26.12 195.85 0.37 62.92 62.94 0.462 170 14.46 34.96 26.08 199.26 0.39 62.74 62.75 0.470 180 14.35 34.95 26.09 198.60 0.41 62.85 62.86 0.460 170 14.13 34.86 26.07 200.65 0.43 63.49 63.51 0.452 200 13.96 34.90 26.14 194.37 0.45 63.55 63.58 0.450 210 13.84 34.90 26.14 194.37 0.45 63.55 63.58 0.450 220 13.62 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.92 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.90 0.490 250 12.29 34.81 26.14 194.83 0.49 62.89 62.90 0.490 260 12.29 34.81 26.14 194.83 0.49 62.89 62.90 0.490 270 12.23 34.81 26.14 194.83 0.49 62.89 62.90 0.490 280 12.13 34.90 64.60 64.60	DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
200	10	18.73	34.98	25.10	287.99	0.03	45.03	45.03	0.800
30									
16.95									
50					The state of the s		200 000 000 000 000	61.25	
60 16.09 35.02 25.76 226.32 0.16 63.33 63.34 0.460 80 15.91 35.07 25.84 218.97 0.18 63.38 63.39 0.460 80 15.47 35.05 25.94 211.47 0.22 63.46 63.48 0.452 100 15.27 34.99 25.98 206.97 0.24 62.77 62.78 0.470 110 14.90 34.96 25.98 206.97 0.26 62.95 62.96 0.470 120 14.74 34.98 26.03 202.18 0.29 62.74 62.75 0.470 130 14.68 34.99 26.07 199.61 0.33 62.74 62.75 0.470 140 14.61 34.99 26.07 199.61 0.33 62.74 62.75 0.470 150 14.54 34.99 26.108 199.00 0.35 62.96 62.98 0.460 170	50								
70									
90 15.47 35.05 25.94 211.47 0.22 63.46 63.48 0.452 100 15.27 34.99 25.92 212.08 0.24 62.77 62.78 0.470 110 14.90 34.96 25.98 206.97 0.26 62.95 62.96 0.461 120 14.74 34.98 26.03 202.18 0.29 62.74 62.75 0.470 130 14.68 34.98 26.05 200.73 0.31 62.61 62.63 0.470 14.61 34.99 26.07 199.61 0.33 62.74 62.75 0.470 14.61 34.99 26.08 199.00 0.35 62.96 62.98 0.460 160 14.50 35.02 26.12 195.85 0.37 62.92 62.94 0.462 170 14.46 34.98 26.08 199.00 0.35 62.96 62.88 0.460 180 14.50 35.02 26.12 195.85 0.37 62.92 62.94 0.462 170 14.46 34.95 26.08 199.26 0.39 62.74 62.76 0.470 180 14.35 34.95 26.09 199.60 0.41 62.85 62.97 0.463 190 14.13 34.86 26.07 200.65 0.43 63.49 63.51 0.453 200 13.96 34.90 26.14 194.37 0.45 63.55 63.58 0.450 210 13.84 34.90 26.14 194.37 0.45 63.55 63.58 0.450 220 13.62 34.81 26.14 194.83 0.49 62.89 62.92 0.466 230 13.29 34.81 26.14 194.83 0.49 62.89 62.92 0.466 230 13.29 34.81 26.14 194.83 0.49 62.89 62.92 0.466 230 13.29 34.81 26.14 194.83 0.51 62.18 62.21 0.478 240 12.96 34.76 26.24 185.83 0.52 61.06 61.09 0.490 250 12.68 34.66 26.22 187.52 0.54 61.07 61.10 0.496 260 12.29 34.83 26.42 185.83 0.50 62.60 62.60 62.63 0.470 270 12.23 34.84 26.44 166.52 0.58 63.32 63.35 0.460 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 280 11.92 34.73 26.41 169.68 0.61 64.55 64.59 0.43 330 10.99 34.72 26.46 166.39 0.63 64.77 64.81 0.430 330 11.66 34.72 26.46 166.39 0.63 64.77 64.81 0.430 330 10.99 34.72 26.49 158.14 0.66 64.84 64.88 0.430 330 10.99 34.72 26.59 155.07 0.69 64.75 64.80 0.430 350 10.60 34.65 26.59 155.07 0.69 64.75 64.80 0.430 350 10.60 34.65 26.79 153.26 0.72 64.52 64.56 0.440 400 9.08 34.65 26.79 135.86 0.77 64.45 64.80 0.430 350 10.60 34.65 26.79 135.20 0.72 64.52 64.56 0.440 400 9.08 34.65 26.79 153.66 0.77 64.45 64.60 0.440 400 9.08 34.55 26.79 135.86 0.77 64.45 64.60 0.440 400 9.08 34.55 26.79 135.86 0.77 64.45 64.50 0.440 400 9.08 34.55 26.79 135.90 0.72 64.52 64.50 0.440 400 9.08 34.55 26.79 135.90 0.89 64.85 64.70 0.440 400 7.53 34.53 26.98 115.71 0.84 64.57 64.61 0.440 400 7.53 34.53 26.99 115.71 0		15.91	35.07	25.84	218.97	0.18	63.38	63.39	0.460
100 15.27 34.99 25.92 212.08 0.24 62.77 62.78 0.470 110 14.90 34.96 25.98 206.97 0.26 62.95 62.96 0.461 120 14.74 34.98 26.03 202.18 0.29 62.74 62.75 0.470 130 14.68 34.98 26.05 200.73 0.31 62.61 62.63 0.470 140 14.61 34.99 26.07 199.61 0.33 62.74 62.76 0.470 150 14.54 34.98 26.08 199.00 0.35 62.96 62.98 0.460 160 14.50 35.02 26.12 195.85 0.37 62.92 62.94 0.462 170 14.46 34.96 26.08 199.20 0.35 62.96 62.98 0.460 160 14.35 34.95 26.09 199.60 0.41 62.85 62.87 0.453 190 13.94 34.90 26.14 194.37 0.45 63.55 63.58 0.450 200 13.96 34.90 26.14 194.37 0.45 63.55 63.58 0.450 210 13.84 34.90 26.14 194.37 0.45 63.55 63.58 0.450 220 13.62 34.81 26.14 194.83 0.49 62.89 62.92 0.466 230 13.29 34.61 26.21 188.38 0.51 62.18 62.21 0.478 240 12.96 34.76 26.24 185.83 0.52 61.06 61.09 0.490 250 12.68 34.66 26.22 187.52 0.54 61.07 61.10 0.496 260 12.29 34.83 26.42 168.53 0.56 62.60 62.63 0.470 270 12.23 34.84 26.44 166.52 0.58 63.32 63.35 0.460 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 280 12.13 34.80 26.43 157.71 0.59 64.03 64.07 0.450 280 12.13 34.80 26.43 157.71 0.59 64.03 64.07 0.450 280 12.13 34.80 26.43 157.71 0.59 64.03 64.07 0.450 280 12.13 34.80 26.43 157.71 0.59 64.03 64.07 0.450 280 12.13 34.80 26.43 157.71 0.59 64.03 64.77 0.450 280 12.13 34.80 26.43 157.71 0.59 64.03 64.77 0.450 280 12.13 34.80 26.43 157.71 0.59 64.03 64.07 0.450 280 12.13 34.80 26.43 157.71 0.59 64.03 64.07 0.450 280 12.13 34.80 26.43 157.71 0.59 64.03 64.07 0.450 280 12.13 34.80 26.43 157.71 0.59 64.03 64.77 0.440 380 10.82 34.73 26.41 169.68 0.61 64.55 64.59 0.430 380 10.99 34.72 26.59 155.07 0.69 64.75 64.88 0.430 380 10.99 34.72 26.59 159.20 0.76 64.84 64.88 0.430 380 10.99 34.72 26.59 159.20 0.76 64.84 64.89 0.430 380 10.82 34.68 26.70 113.97 0.85 64.56 64.61 0.440 400 9.08 34.65 26.57 135.00 0.72 64.56 64.61 0.440 400 9.08 34.55 26.98 135.71 0.84 64.57 64.60 0.440 400 9.08 34.55 26.98	80	15.65	35.05	25.89	215.18			63.60	0.453
110 14.90 34.96 25.98 206.97 0.26 62.95 62.96 0.461 120 14.74 34.98 26.05 200.73 0.31 62.61 62.63 0.470 130 14.68 34.98 26.05 200.73 0.31 62.61 62.63 0.470 140 14.61 34.99 26.07 199.61 0.33 62.74 62.75 0.470 150 14.53 34.98 26.08 199.00 0.35 62.96 62.98 0.460 160 14.50 35.02 26.12 195.85 0.37 62.92 62.74 62.76 0.472 180 14.35 34.95 26.08 199.26 0.39 62.74 62.76 0.472 180 14.35 34.95 26.09 198.60 0.41 62.85 62.87 0.463 190 14.13 34.86 26.07 200.65 0.43 63.49 63.51 0.453 200 13.96 34.90 26.14 194.37 0.45 63.55 63.58 0.450 210 13.84 34.90 26.16 192.40 0.47 63.83 63.86 0.450 220 13.62 34.81 26.14 194.83 0.49 62.89 62.92 0.466 230 13.29 34.81 26.21 188.38 0.51 62.18 62.21 0.478 240 12.96 34.76 26.24 185.83 0.52 61.06 61.09 0.490 250 12.68 34.66 26.22 187.52 0.54 61.07 61.10 0.496 260 12.29 34.83 26.42 168.53 0.55 63.35 0.40 270 12.23 34.84 26.44 166.52 0.58 63.32 64.07 0.450 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 280 12.13 34.71 26.49 162.48 0.64 64.76 64.79 0.432 330 10.99 34.72 26.46 166.39 0.63 64.77 64.81 0.430 330 10.99 34.72 26.46 166.39 0.63 64.77 64.81 0.430 340 11.62 34.68 26.57 155.07 0.69 64.75 64.80 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.89 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.89 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.89 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.89 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.89 0.430 370 9.44 34.68 26.77 136.90 0.77 64.84 64.89 0.430 380 9.78 34.68 26.77 136.90 0.77 64.45 64.61 0.440 380 9.78 34.68 26.77 136.69 0.77 64.45 64.50 0.440 400 9.08 34.55 26.78 135.86 0.77 64.45 64.61 0.440 400 9.08 34.55 26.98 115.71 0.84 64.57 64.60 0.440 400 9.08 34.55 26.78 135.86 0.77 64.45 64.61 0.440 400 9.08 34.55 26.78 135.86 0.77 64.45 64.61 0.440 400 9.08 34.55 26.78 135.86 0.77 64.45 64.61 0.440 400 7.50 34.53 26.98 115.71 0.84 64.57 64.63 0.440 400 7.53 34.54 27.05 110.22 0.89 63.88 63.94 0.450	90								
120 14,74 34,98 26,03 202,18 0,29 62,74 62,63 0,470 130 14,68 34,98 26,05 200,73 0,31 62,61 62,63 0,470 150 14,54 34,98 26,08 199,00 0,35 62,96 62,98 0,460 160 14,54 34,98 26,08 199,26 0,37 62,92 62,94 0,462 170 14,46 34,95 26,09 198,60 0,41 62,85 62,87 0,432 180 14,35 34,95 26,09 198,60 0,41 62,85 62,87 0,462 200 13,96 34,90 26,14 194,37 0,45 63,55 63,58 0,450 210 13,62 34,81 26,14 194,37 0,47 63,83 63,86 0,450 220 13,62 34,81 26,14 194,37 0,47 63,83 63,86 0,450 230 <td>100</td> <td>15.27</td> <td>34.99</td> <td>25.92</td> <td>212.08</td> <td></td> <td>62.77</td> <td>02.70</td> <td></td>	100	15.27	34.99	25.92	212.08		62.77	02.70	
130 14.68 34.98 26.05 200.73 0.31 62.61 62.63 0.470 140 14.61 34.99 26.07 199.61 0.33 62.74 62.76 0.470 150 14.54 34.98 26.08 199.00 0.35 62.74 62.98 0.480 160 14.50 35.02 26.12 195.85 0.37 62.92 62.94 0.442 170 14.46 34.96 26.08 199.26 0.39 62.74 62.76 0.470 180 14.35 34.96 26.07 200.45 0.41 62.85 62.87 0.453 190 14.13 34.86 26.07 200.65 0.43 63.49 63.51 0.453 200 13.96 34.90 26.14 194.37 0.45 63.49 63.51 0.455 210 13.62 34.81 26.14 194.83 0.49 62.89 62.92 0.466 230 13.29 34.81 26.14 194.83 0.51 62.18 62.21									
140 14.61 34.99 26.07 199.61 0.33 62.74 62.76 0.470 150 14.54 34.98 26.08 199.00 0.35 62.92 62.98 0.460 160 14.54 35.02 26.12 195.85 0.37 62.92 62.94 0.460 170 14.46 34.96 26.08 199.26 0.39 62.74 62.76 0.470 180 14.35 34.95 26.09 198.60 0.41 62.85 62.87 0.453 200 13.96 34.90 26.14 194.37 0.45 63.55 63.58 0.450 210 13.84 34.90 26.16 192.40 0.47 63.83 63.86 0.450 220 13.62 34.81 26.11 198.38 0.51 62.18 62.21 0.478 240 12.96 34.76 26.12 185.83 0.52 61.06 61.09 0.479 250 12.68 34.66 26.22 187.52 0.54 61.07 61.01									
150 14.54 34.98 26.08 199.00 0.35 62.96 62.98 0.460 160 14.50 35.02 26.12 195.85 0.37 62.92 62.94 0.462 170 14.46 34.96 26.08 199.26 0.37 62.92 62.94 0.462 180 14.35 34.95 26.09 198.60 0.41 62.85 62.87 0.463 190 14.13 34.86 26.07 200.65 0.43 63.49 63.51 0.453 200 13.84 34.90 26.14 194.37 0.45 63.55 63.58 0.450 210 13.84 34.90 26.14 194.37 0.45 63.55 63.58 0.450 220 13.62 34.81 26.14 194.83 0.49 62.89 62.92 0.466 230 13.29 34.81 26.12 188.38 0.51 62.18 62.21 0.478 240 12.96 34.76 26.24 185.83 0.52 61.06 61.09 0.490 250 12.68 34.66 26.22 187.52 0.54 61.07 61.10 0.496 260 12.29 34.83 26.42 168.53 0.56 62.60 62.63 0.470 270 12.23 34.84 26.44 166.52 0.58 63.35 63.35 0.450 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 290 11.92 34.73 26.41 169.68 0.61 64.55 64.59 0.440 300 11.66 34.72 26.46 168.39 0.63 64.75 64.81 0.430 310 11.42 34.71 26.59 154.22 0.67 64.83 64.87 0.430 330 10.99 34.72 26.59 154.22 0.67 64.83 64.87 0.430 340 10.82 34.68 26.57 155.07 0.69 64.55 64.50 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.88 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.88 0.430 370 9.74 34.68 26.77 150.05 0.72 64.65 64.56 0.440 380 9.78 34.64 26.73 140.49 0.75 64.66 64.84 0.498 0.430 370 9.74 34.68 26.77 136.69 0.77 64.81 0.430 380 9.78 34.64 26.73 140.49 0.75 64.66 64.80 0.430 380 9.78 34.64 26.73 140.49 0.75 64.66 64.81 0.440 380 9.78 34.53 26.70 143.22 0.76 64.64 64.56 64.51 0.440 380 9.78 34.53 26.79 136.69 0.79 64.74 64.79 0.440 400 9.08 34.55 26.78 135.86 0.77 64.86 64.56 0.440 370 7.94 34.68 26.77 136.69 0.79 64.74 64.79 0.440 400 9.08 34.55 26.78 135.86 0.77 64.64 64.57 64.61 0.440 370 7.75 34.53 26.98 116.35 0.83 64.60 64.66 0.440 470 7.75 34.53 26.98 116.35 0.83 64.60 64.66 0.440 470 7.75 34.53 26.98 116.35 0.83 64.60 64.66 0.440 470 7.75 34.59 27.07 108.76 0.87 64.43 64.50 0.440 470 7.45 34.55 26.78 115.71 0.84 64.57 64.63 0.440 470 7.45 34.55 26.78 115.71 0.84 64.57 64.63 0.440 470 7.45 34.55 26.78 116.35 0.83 64.60 64.66 0.440 470 7.45 34.55 27.05 110.22 0.89 63.88 63.94 0.450									
160 14.50 35.02 26.12 195.85 0.37 62.92 62.74 0.470 170 14.46 34.96 26.08 199.26 0.39 62.74 62.76 0.470 180 14.35 34.95 26.09 198.60 0.41 62.85 62.87 0.463 190 14.13 34.86 26.07 200.65 0.43 63.49 63.51 0.453 200 13.94 34.90 26.16 192.40 0.47 63.83 63.58 0.450 220 13.62 34.81 26.14 194.83 0.49 62.89 62.92 0.466 230 13.29 34.81 26.12 188.38 0.51 62.18 62.21 0.478 240 12.96 34.73 26.24 185.83 0.52 61.06 61.09 0.490 250 12.68 34.66 26.22 187.52 0.54 61.07 61.10 0.496 260 12.29 34.83 26.42 168.53 0.56 62.60 62.63							0217	02.70	
170 14.46 34.96 26.08 199.26 0.39 62.74 62.76 0.470 180 14.35 34.95 24.09 198.60 0.41 62.85 62.87 0.463 200 13.96 34.90 26.14 194.37 0.45 63.55 63.58 0.450 210 13.84 34.90 26.16 192.40 0.47 63.83 63.86 0.450 220 13.62 34.81 26.21 188.38 0.51 62.89 62.92 0.466 230 13.29 34.81 26.21 188.38 0.51 62.18 62.21 0.478 240 12.96 34.76 26.24 185.83 0.52 61.06 61.07 0.490 250 12.68 34.66 26.22 187.52 0.54 61.07 61.10 0.496 260 12.23 34.83 26.42 168.53 0.56 62.60 62.63 0.470 270 12.23 34.84 26.44 166.52 0.58 63.32 63.35									
180 14.35 34.95 26.09 198.60 0.41 62.85 62.87 0.463 190 14.13 34.86 26.07 200.65 0.43 63.45 63.55 0.453 200 13.94 34.90 26.14 194.37 0.45 63.55 63.58 0.450 210 13.84 34.90 26.16 192.40 0.47 63.83 63.86 0.450 220 13.62 34.81 26.14 194.83 0.49 62.99 62.92 0.466 230 13.29 34.81 26.21 188.38 0.51 62.18 62.21 0.478 240 12.96 34.76 26.24 185.83 0.52 61.06 61.09 0.490 250 12.68 34.66 26.22 187.52 0.54 61.07 61.10 0.496 260 12.29 34.83 26.42 168.53 0.56 62.60 62.63 0.470 270 12.23 34.84 26.44 166.52 0.58 63.32 63.35									
190									
200 13.96 34.90 26.14 194.37 0.45 63.55 63.58 0.450 210 13.84 34.90 26.16 192.40 0.47 63.83 63.86 0.450 220 13.62 34.81 26.14 194.83 0.49 62.89 62.92 0.466 230 13.29 34.81 26.21 188.38 0.51 62.18 62.21 0.478 240 12.96 34.76 26.24 185.83 0.52 61.06 61.09 0.490 250 12.68 34.66 26.22 187.52 0.54 61.07 61.10 0.496 260 12.23 34.83 26.42 168.53 0.56 62.60 62.63 0.470 270 12.23 34.84 26.44 166.52 0.58 63.32 63.35 0.460 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 390 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
210 13.84 34.90 26.16 192.40 0.47 63.83 63.86 0.450 220 13.62 34.81 26.14 194.83 0.47 62.89 62.92 0.466 230 13.29 34.81 26.21 188.38 0.51 62.18 62.21 0.478 240 12.96 34.76 26.24 185.83 0.52 61.06 61.07 0.490 250 12.68 34.66 26.22 187.52 0.54 61.07 61.10 0.496 260 12.29 34.83 26.42 168.53 0.56 62.60 62.63 0.470 270 12.23 34.84 26.44 166.52 0.58 63.32 63.35 0.460 280 12.13 34.80 26.41 169.68 0.61 64.55 64.57 0.400 310 11.62 34.73 26.41 169.68 0.61 64.55 64.57 0.400 310 11.42 34.71 26.49 162.48 0.64 64.77 64.81									
220 13.62 34.81 26.14 194.83 0.49 62.89 62.92 0.466 230 13.29 34.81 26.21 188.38 0.51 62.18 62.21 0.478 240 12.96 34.76 26.22 187.52 0.54 61.06 61.09 0.490 250 12.68 34.66 26.22 187.52 0.54 61.07 61.10 0.496 260 12.29 34.83 26.42 168.53 0.56 62.60 62.63 0.470 270 12.23 34.84 26.44 166.52 0.58 63.32 63.35 0.460 280 12.13 34.80 26.41 169.68 0.61 64.55 64.97 0.490 300 11.66 34.72 26.46 166.39 0.63 64.77 64.81 0.430 310 11.42 34.71 26.59 154.22 0.67 64.84 64.99 0.430 330 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
230 13.29 34.81 26.21 188.38 0.51 62.18 62.21 0.478 240 12.96 34.76 26.24 185.83 0.52 61.06 61.07 0.490 250 12.68 34.64 26.22 187.52 0.54 61.07 61.10 0.490 260 12.29 34.83 26.42 168.53 0.56 62.60 62.63 0.470 270 12.23 34.84 26.44 166.52 0.58 63.32 63.35 0.460 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 290 11.92 34.73 26.41 169.68 0.61 64.55 64.59 0.440 300 11.66 34.71 26.49 162.48 0.64 64.77 64.81 0.430 310 11.92 34.71 26.59 154.22 0.67 64.83 64.87 0.430 330 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
240 12.96 34.76 26.24 185.83 0.52 61.06 61.09 0.490 250 12.68 34.66 26.22 187.52 0.54 61.07 61.10 0.496 260 12.29 34.83 26.42 168.53 0.56 62.60 62.63 0.470 270 12.23 34.84 26.44 166.52 0.58 63.32 63.35 0.460 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 290 11.92 34.73 26.41 169.68 0.61 64.55 64.59 0.440 310 11.66 34.72 26.49 162.48 0.63 64.77 64.81 0.430 310 11.42 34.71 26.59 154.22 0.67 64.84 64.88 0.430 330 10.99 34.72 26.59 153.16 0.70 64.84 64.89 0.430 340 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
250 12.68 34.66 26.22 187.52 0.54 61.07 61.10 0.496 260 12.29 34.83 26.42 168.53 0.56 62.60 62.63 0.470 270 12.23 34.84 26.44 166.52 0.58 63.32 63.35 0.460 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 290 11.92 34.73 26.41 169.68 0.61 64.55 64.59 0.440 300 11.66 34.72 26.49 162.48 0.64 64.76 64.79 0.430 310 11.42 34.71 26.59 154.22 0.67 64.84 64.89 0.430 330 10.99 34.72 26.59 154.22 0.67 64.83 64.87 0.430 340 10.82 34.68 26.57 155.07 0.69 64.75 64.80 0.430 350 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
260 12.29 34.83 26.42 168.53 0.56 62.60 62.63 0.470 270 12.23 34.84 26.44 166.52 0.58 63.32 63.35 0.460 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 290 11.92 34.73 26.41 169.68 0.61 64.55 64.59 0.40 300 11.66 34.72 26.46 166.39 0.63 64.77 64.81 0.430 310 11.42 34.71 26.54 158.14 0.66 64.84 64.89 0.430 330 10.99 34.72 26.59 154.22 0.67 64.84 64.89 0.430 350 10.82 34.68 26.57 155.07 0.69 64.75 64.80 0.430 360 10.24 34.61 26.63 150.05 0.72 64.52 64.56 0.400 370									
270 12.23 34.84 26.44 166.52 0.58 63.32 63.35 0.460 280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 290 11.92 34.73 26.41 169.68 0.61 64.55 64.59 0.440 300 11.66 34.72 26.46 166.39 0.63 64.77 64.81 0.430 310 11.42 34.71 26.49 162.48 0.64 64.76 64.79 0.432 320 11.19 34.71 26.59 154.22 0.67 64.84 64.89 0.430 330 10.99 34.72 26.59 153.16 0.70 64.83 64.87 0.430 340 10.82 34.68 26.57 155.07 0.69 64.75 64.80 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.88 0.430 360 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
280 12.13 34.80 26.43 167.71 0.59 64.03 64.07 0.450 290 11.92 34.73 26.41 169.68 0.61 64.55 64.59 0.440 300 11.66 34.72 26.46 166.39 0.63 64.77 64.81 0.430 310 11.42 34.71 26.49 162.48 0.64 64.76 64.79 0.432 320 11.19 34.71 26.54 158.14 0.66 64.84 64.98 0.430 340 10.99 34.72 26.59 154.22 0.67 64.83 64.87 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.98 0.430 360 10.24 34.61 26.63 150.05 0.72 64.52 64.56 0.440 370 9.94 34.68 26.74 140.15 0.73 64.56 64.61 0.440 380									
290 11.92 34.73 26.41 169.68 0.61 64.55 64.59 0.440 300 11.66 34.72 26.46 166.39 0.63 64.77 64.81 0.430 310 11.42 34.71 26.49 162.48 0.64 64.76 64.79 0.432 320 11.19 34.71 26.54 158.14 0.66 64.84 64.89 0.430 330 10.99 34.72 26.59 154.22 0.67 64.83 64.87 0.430 340 10.82 34.68 26.57 155.07 0.69 64.75 64.80 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.88 0.430 360 10.24 34.61 26.63 150.05 0.72 64.52 64.56 0.440 370 9.94 34.68 26.74 140.15 0.73 64.56 64.61 0.440 380 9.78 34.68 26.73 140.49 0.75 64.66 64.70 <						0.59	64.03	64.07	0.450
310 11.42 34.71 26.49 162.48 0.64 64.76 64.79 0.432 320 11.19 34.71 26.54 158.14 0.66 64.84 64.88 0.430 330 10.99 34.72 26.59 154.22 0.67 64.83 64.87 0.430 340 10.82 34.68 26.57 155.07 0.69 64.75 64.80 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.88 0.430 360 10.24 34.61 26.63 150.05 0.72 64.52 64.56 0.440 370 9.94 34.68 26.74 140.15 0.73 64.56 64.61 0.440 380 9.78 34.64 26.73 140.49 0.75 64.66 64.61 0.440 400 9.08 34.53 26.70 143.22 0.76 64.64 64.69 0.440 410				26.41	169.68	0.61	64.55	64.59	0.440
320 11.19 34.71 26.54 158.14 0.66 64.84 64.98 0.430 330 10.99 34.72 26.59 154.22 0.67 64.83 64.87 0.430 340 10.82 34.68 26.57 155.07 0.69 64.75 64.80 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.98 0.430 360 10.24 34.61 26.63 150.05 0.72 64.52 64.56 0.440 370 9.94 34.68 26.74 140.15 0.73 64.56 64.61 0.440 380 9.78 34.64 26.73 140.49 0.75 64.66 64.70 0.440 390 9.45 34.53 26.70 143.22 0.76 64.64 64.69 0.440 400 9.08 34.55 26.78 135.86 0.77 64.45 64.79 0.440 420	300	11.66	34.72	26.46	166.39			64.81	
330 10.99 34.72 26.59 154.22 0.67 64.83 64.87 0.430 340 10.82 34.68 26.57 155.07 0.69 64.75 64.80 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.88 0.430 360 10.24 34.61 26.63 150.05 0.72 64.52 64.56 0.440 370 9.94 34.68 26.74 140.15 0.73 64.56 64.61 0.440 380 9.78 34.64 26.73 140.49 0.75 64.66 64.70 0.440 390 9.45 34.53 26.70 143.22 0.76 64.64 64.69 0.440 400 9.08 34.55 26.78 135.86 0.77 64.45 64.50 0.440 410 8.74 34.48 26.77 136.69 0.79 64.74 64.79 0.440 420 8.18 34.45 26.84 129.76 0.80 64.72 64.81 0	310		34.71						
340 10.82 34.68 26.57 155.07 0.69 64.75 64.80 0.430 350 10.60 34.65 26.59 153.16 0.70 64.84 64.88 0.430 360 10.24 34.61 26.63 150.05 0.72 64.52 64.56 0.440 370 9.94 34.68 26.74 140.15 0.73 64.56 64.61 0.440 380 9.78 34.64 26.73 140.49 0.75 64.66 64.70 0.440 390 9.45 34.53 26.70 143.22 0.76 64.64 64.69 0.440 400 9.08 34.55 26.78 135.86 0.77 64.45 64.50 0.440 410 8.74 34.48 26.77 136.69 0.79 64.74 64.79 0.440 420 8.18 34.45 26.84 129.76 0.80 64.72 64.77 0.440 430 7.90 34.50 26.91 122.50 0.82 64.72 64.77 0.									
350 10.60 34.65 26.59 153.16 0.70 64.84 64.98 0.430 360 10.24 34.61 26.63 150.05 0.72 64.52 64.56 0.440 370 9.94 34.68 26.74 140.15 0.73 64.56 64.61 0.440 380 9.78 34.64 26.73 140.49 0.75 64.66 64.70 0.440 390 9.45 34.53 26.70 143.22 0.76 64.64 64.69 0.440 400 9.08 34.55 26.78 135.86 0.77 64.45 64.50 0.440 410 8.74 34.48 26.77 136.69 0.79 64.74 64.79 0.440 420 8.18 34.45 26.84 129.76 0.80 64.76 64.81 0.430 430 7.90 34.50 26.91 122.50 0.82 64.72 64.77 0.440 450 7.62 34.53 26.98 115.71 0.84 64.57 64.63 0.4									
360 10.24 34.61 26.63 150.05 0.72 64.52 64.56 0.440 370 9.94 34.68 26.74 140.15 0.73 64.56 64.61 0.440 380 9.78 34.64 26.73 140.49 0.75 64.66 64.70 0.440 390 9.45 34.53 26.70 143.22 0.76 64.64 64.69 0.440 400 9.08 34.55 26.78 135.86 0.77 64.45 64.50 0.440 410 8.74 34.48 26.77 136.69 0.79 64.74 64.79 0.440 420 8.18 34.45 26.84 129.76 0.80 64.76 64.81 0.430 430 7.90 34.50 26.91 122.50 0.82 64.72 64.77 0.440 450 7.62 34.53 26.98 115.71 0.84 64.57 64.63 0.440 460 7.50 34.54 27.01 113.97 0.85 64.54 64.60 0.44									
370 9.94 34.68 26.74 140.15 0.73 64.56 64.61 0.440 380 9.78 34.64 26.73 140.49 0.75 64.66 64.70 0.440 390 9.45 34.53 26.70 143.22 0.76 64.64 64.69 0.440 400 9.08 34.55 26.78 135.86 0.77 64.45 64.50 0.440 410 8.74 34.48 26.77 136.69 0.79 64.74 64.79 0.440 420 8.18 34.45 26.84 129.76 0.80 64.76 64.81 0.430 430 7.90 34.50 26.91 122.50 0.82 64.72 64.77 0.440 440 7.75 34.55 26.98 116.35 0.83 64.60 64.66 0.440 450 7.62 34.53 26.98 115.71 0.84 64.57 64.63 0.440 460 7.50 34.54 27.01 113.97 0.85 64.54 64.60 0.440									
380 9.78 34.64 26.73 140.49 0.75 64.66 64.70 0.440 390 9.45 34.53 26.70 143.22 0.76 64.64 64.69 0.440 400 9.08 34.55 26.78 135.86 0.77 64.45 64.50 0.440 410 8.74 34.48 26.77 136.69 0.79 64.74 64.79 0.440 420 8.18 34.45 26.84 129.76 0.80 64.76 64.81 0.430 430 7.90 34.50 26.91 122.50 0.82 64.72 64.77 0.440 440 7.75 34.55 26.98 116.35 0.83 64.60 64.66 0.440 450 7.62 34.53 26.98 115.71 0.84 64.57 64.63 0.440 460 7.50 34.54 27.01 113.97 0.85 64.54 64.60 0.440 470 7.45 34.56 27.03 111.59 0.86 64.51 64.57 0.440									
390 9.45 34.53 26.70 143.22 0.76 64.64 64.69 0.440 400 9.08 34.55 26.78 135.86 0.77 64.45 64.50 0.440 410 8.74 34.48 26.77 136.69 0.79 64.74 64.79 0.440 420 8.18 34.45 26.84 129.76 0.80 64.76 64.81 0.430 430 7.90 34.50 26.91 122.50 0.82 64.72 64.77 0.440 440 7.75 34.55 26.98 116.35 0.83 64.60 64.66 0.440 450 7.62 34.53 26.98 115.71 0.84 64.57 64.63 0.440 460 7.50 34.54 27.01 113.97 0.85 64.54 64.60 0.440 470 7.45 34.56 27.03 111.59 0.86 64.51 64.57 0.440 490									
400 9.08 34.55 26.78 135.86 0.77 64.45 64.50 0.440 410 8.74 34.48 26.77 136.69 0.79 64.74 64.79 0.440 420 8.18 34.45 26.84 129.76 0.80 64.76 64.81 0.430 430 7.90 34.50 26.91 122.50 0.82 64.72 64.77 0.440 440 7.75 34.55 26.98 116.35 0.83 64.60 64.66 0.440 450 7.62 34.53 26.98 115.71 0.84 64.57 64.63 0.440 460 7.50 34.54 27.01 113.97 0.85 64.54 64.60 0.440 470 7.45 34.56 27.03 111.59 0.86 64.51 64.57 0.440 480 7.41 34.59 27.07 108.76 0.87 64.44 64.50 0.440 490 7.36 34.57 27.05 110.22 0.89 63.88 63.94 0.450									
410 8.74 34.48 26.77 136.69 0.79 64.74 64.79 0.440 420 8.18 34.45 26.84 129.76 0.80 64.76 64.81 0.430 430 7.90 34.50 26.91 122.50 0.82 64.72 64.77 0.440 440 7.75 34.55 26.98 116.35 0.83 64.60 64.66 0.440 450 7.62 34.53 26.98 115.71 0.84 64.57 64.63 0.440 460 7.50 34.54 27.01 113.97 0.85 64.54 64.60 0.440 470 7.45 34.56 27.03 111.59 0.86 64.51 64.57 0.440 480 7.41 34.59 27.07 108.76 0.87 64.44 64.50 0.440 490 7.36 34.57 27.05 110.22 0.89 63.88 63.94 0.450 500 7.28 34.56 27.05 109.82 0.89 64.39 64.45 0.440									
420 8.18 34.45 26.84 129.76 0.80 64.76 64.81 0.430 430 7.90 34.50 26.91 122.50 0.82 64.72 64.77 0.440 440 7.75 34.55 26.98 116.35 0.83 64.60 64.66 0.440 450 7.62 34.53 26.98 115.71 0.84 64.57 64.63 0.440 460 7.50 34.54 27.01 113.97 0.85 64.54 64.60 0.440 470 7.45 34.56 27.03 111.59 0.86 64.51 64.57 0.440 480 7.41 34.59 27.07 108.76 0.87 64.44 64.50 0.440 490 7.36 34.57 27.05 110.22 0.89 63.88 63.94 0.450 500 7.28 34.56 27.05 109.82 0.89 64.39 64.45 0.440									
430 7.90 34.50 26.91 122.50 0.82 64.72 64.77 0.440 440 7.75 34.55 26.98 116.35 0.83 64.60 64.66 0.440 450 7.62 34.53 26.98 115.71 0.84 64.57 64.63 0.440 460 7.50 34.54 27.01 113.97 0.85 64.54 64.60 0.440 470 7.45 34.56 27.03 111.59 0.86 64.51 64.57 0.440 480 7.41 34.59 27.07 108.76 0.87 64.44 64.50 0.440 490 7.36 34.57 27.05 110.22 0.89 63.88 63.94 0.450 500 7.28 34.56 27.05 109.82 0.89 64.39 64.45 0.440									
440 7.75 34.55 26.98 116.35 0.83 64.60 64.66 0.440 450 7.62 34.53 26.98 115.71 0.84 64.57 64.63 0.440 460 7.50 34.54 27.01 113.97 0.85 64.54 64.60 0.440 470 7.45 34.56 27.03 111.59 0.86 64.51 64.57 0.440 480 7.41 34.59 27.07 108.76 0.87 64.44 64.50 0.440 490 7.36 34.57 27.05 110.22 0.89 63.88 63.94 0.450 500 7.28 34.56 27.05 109.82 0.89 64.39 64.45 0.440									
450 7.62 34.53 26.98 115.71 0.84 64.57 64.63 0.440 460 7.50 34.54 27.01 113.97 0.85 64.54 64.60 0.440 470 7.45 34.56 27.03 111.59 0.86 64.51 64.57 0.440 480 7.41 34.59 27.07 108.76 0.87 64.44 64.50 0.440 490 7.36 34.57 27.05 110.22 0.89 63.88 63.94 0.450 500 7.28 34.56 27.05 109.82 0.89 64.39 64.45 0.440							64.60		
460 7.50 34.54 27.01 113.97 0.85 64.54 64.60 0.440 470 7.45 34.56 27.03 111.59 0.86 64.51 64.57 0.440 480 7.41 34.59 27.07 108.76 0.87 64.44 64.50 0.440 490 7.36 34.57 27.05 110.22 0.89 63.88 63.94 0.450 500 7.28 34.56 27.05 109.82 0.89 64.39 64.45 0.440						0.84	64.57		
470 7.45 34.56 27.03 111.59 0.86 64.51 64.57 0.440 480 7.41 34.59 27.07 108.76 0.87 64.44 64.50 0.440 490 7.36 34.57 27.05 110.22 0.89 63.88 63.94 0.450 500 7.28 34.56 27.05 109.82 0.89 64.39 64.45 0.440					113.97				
490 7.36 34.57 27.05 110.22 0.89 63.88 63.94 0.450 500 7.28 34.56 27.05 109.82 0.89 64.39 64.45 0.440			34.56						
500 7.28 34.56 27.05 109.82 0.89 64.39 64.45 0.440									
541 6.72 34.55 27.13 102.90 0.94 63.50 63.57 0.450									
	541	6.72	34.55	27.13	102.90	0.94	63.50	63.5/	0.450

WELDC 77 STA 48 7-JUN-77 0900 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	19.26	35.23	25.15	283.43	0.03	53.32	53.33	0.630
20	19.02	35.06	25.08	289.80	0.06	47.92	47.92	0.740
30	17.89	35.10	25.39	260.60	0.09	54.99	54.99	0.607
40	16.81	35.02	25.58	242.30	0.11	62.46	62.47	0.472
50	16.18	34.91	25.65	236.26	0.14	63.94	63.95	0.450
60	15.72	35.02	25.84	218.46	0.16	64.26	64.27	0.440
70	15.51	35.02	25.90	213.71	0.18	64.24	64.25	0.440
80	15.35	35.08	25.97	207.11	0.20	64.30	64.31	0.440
90	15.22	34.92	25.89	215.28	0.22	64.33	64.34	0.440
100	14.92	34.95	25.96	208.31	0.24	64.06	64.07	0.450
110	14.80	34.97	26.01	204.40	0.26	64.03	64.04	0.450
120	14.65	34.95	26.03	202.46	0.29	64.39	64.40	0.440
130	14.50	34.94	26.05	200.51	0.31	64.51	64.52	0.440
140	14.37	34.95	26.09	197.56	0.33	64.29	64.30	0.440
150	14.26	34.91	26.08	198.41	0.34	64.13	64.15	0.443
160	14.17	34.93	26.12	195.53	0.36	63.89	63.91	0.450
170	14.05	34.90	26.12	195.18	0.38	63.18	63.20	0.460
180	13.79	34.84	26.13	195.05	0.40	62.70	62.72	0.470
190	13.45	34.81	26.17	191.10	0.42	62.12	62.14	0.480
200	13.22	34.82	26.23	184.87	0.44	61.18	61.20	0.490
210	13.05	34.84	26.28	181.01	0.46	61.15	61.17	0.473
220	12.89	34.84	26.31	179.56	0.50	62.75	62.78	0.470
230 240	12.53	34.79	26.36	174.08	0.51	62.41	62.44	0.470
250	12.38	34.82	26.40	169.96	0.53	62.98	63.01	0.466
260	12.31	34.81	26.40	170.21	0.54	63.66	63.69	0.451
270	12.23	34.81	26.41	169.43	0.56	64.28	64.31	0.440
280	12.05	34.81	26.45	166.05	0.58	64.89	64.93	0.432
290	11.92	34.82	26.48	163.15	0.60	64.94	64.98	0.430
300	11.78	34.75	26.46	165.48	0.62	64.54	64.58	0.440
310	11.59	34.79	26.52	160.00	0.63	54.68	64.71	0.440
320	11.39	34.74	26.52	159.80	0.64	64.47	64.51	0.440
330	11.20	34.68	26.51	161.11	0.66	64.38	64.42	0.440
340	11.05	34.69	26.55	157.84	0.68	64.60	64.65	0.440
350	10.86	34.71	26.60	153.54	0.69	64.79	64.83	0.435
360	10.70	34.68	26.60	153.04	0.71	64.90	64.94	0.430
370	10.45	34.59	26.58	155.23	0.72	64.94	64.99	0.430
380	10.06	34.55	26.62	151.45	0.74	64.63	64.68	0.439
390	9.69	34.57		144.84	0.75	54.48	64.52	0.440
400	9.36	34.56		139.83	0.76		64.41	
410	9.10	34.64	26.84	129.88	0.78	64.59	64.64	0.440
420	9.04	34.60	26.82	132.21	0.79	64.67	64.73	0.440
430	8.85	34.47	26.75	138.80	0.81	64.84	64.90	0.430
440	8.41	34.46	26.81	132.79	0.82	64.82	64.88	0.430
450 460	9.13 7.91	34.48	26.95	127.33	0.83	64.86	64.92	0.430
			26.99		0.86	64.94	65.00	0.430
470	7.82	34.57	26.99	116.27	0.87	64.71	64.77	0.435
480 490	7.71	34.53	26.99	115.70	0.88	64.63	64.70	0.440
500	7.39	34.55	27.02	112.82	0.89	64.89	64.95	0.430
500	6.53	34.56	27.16	100.37	1.00	64.38	64.45	0.440
700	5.92	34.51	27.20	97.71	1.09	64.55	64.64	0.440
800	5.40	34.52	27.27	91.41	1.19	64.47	64.57	0.440
900	4.87	34.59	27.39	80.26	1.28	63.98	64.09	0.446
1000	4.58	34.56	27.39	80.21	1.36	54.00	64.13	0.448

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	POT TR	POT C
1100	4.14	34.55	27.44	75.64	1.44	63.56	63.71	0.450
1126	4.01	34.54	27.45	74.87	1.46	63.22	63.37	0.460

WELOC 77 STA 49 7-JUN-79 1030 DN CAST

10	DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
20	10	19.84	35.19	24.96	300.62	0.03	55.25	55.25	0.590
30									
50									
60 15.86 34.87 25.71 232.01 0.16 63.60 0.450 0.440 80 15.18 34.91 25.84 219.27 0.19 64.18 64.19 0.440 90 14.95 34.95 25.96 207.87 0.23 64.44 64.42 0.440 100 14.95 34.96 26.03 202.47 0.27 64.49 64.45 1.0440 110 14.69 34.96 26.03 202.47 0.27 64.49 64.51 1.0440 130 14.58 34.90 26.01 204.60 0.31 64.66 64.63 0.440 140 14.40 34.90 26.05 201.61 0.33 64.65 64.57 0.440 150 14.27 34.96 26.12 195.04 0.38 63.76 63.78 0.450 170 14.00 34.91 26.13 194.50 0.39 63.15 63.77 0.450 180	40	17.81	35.03	25.35	264.33	0.11	58.81	58.81	0.536
70	50	16.79	34.68	25.34	266.33	0.14	62.54	62.55	0.470
80	60	15.86	34.87	25.71	232.01		63.60	63.60	0.457
90 14.95 34.96 26.00 207.87 0.23 64.44 64.45 0.440 110 14.76 34.98 26.03 202.47 0.27 64.49 64.51 0.440 110 14.76 34.98 26.03 202.47 0.27 64.49 64.51 0.440 110 14.69 34.96 26.03 202.47 0.27 64.49 64.51 0.440 110 14.69 34.90 26.01 204.60 0.31 64.65 64.67 0.440 110 14.40 34.90 26.05 201.61 0.33 64.66 64.67 0.440 110 14.14 34.90 26.05 201.61 0.33 64.66 64.68 0.440 110 14.27 34.96 26.12 195.43 0.35 64.52 64.54 0.440 110 14.14 0.34.99 26.12 195.04 0.38 63.76 63.78 0.450 110 110 110 110 110 110 110 110 110 1	70	15.39	34.91		219.27				
100									
110									
120									
130									
140 14.40 34.90 26.05 201.61 0.33 64.66 64.54 0.440 150 14.27 34.96 26.12 195.04 0.38 63.75 64.54 0.450 170 14.00 34.89 26.13 194.50 0.39 63.15 63.17 0.460 180 13.89 34.91 26.16 192.11 0.41 62.58 62.60 0.470 190 13.73 34.89 26.21 187.71 0.45 61.64 61.66 0.489 200 13.59 34.89 26.21 187.71 0.45 61.64 61.66 0.489 210 13.41 34.81 26.24 184.45 0.49 61.55 61.58 0.490 220 13.10 34.81 26.24 184.45 0.49 61.55 61.58 0.485 230 12.74 34.74 26.33 177.16 0.54 62.37 62.40 0.470 250 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
150									
160 14,13 34,93 26,12 195,04 0,38 * 63,76 63,78 0,450 170 14,00 34,89 26,13 194,50 0,39 63,15 63,17 0,460 180 13,89 34,91 26,16 192,11 0,41 62,50 62,60 0,470 190 13,73 34,89 26,21 187,71 0,45 61,64 61,66 0,487 210 13,41 34,89 26,21 188,39 0,47 61,55 61,58 0,490 220 13,10 34,81 26,29 180,63 0,51 62,56 62,59 0,470 240 12,74 34,74 26,26 183,38 0,52 62,40 62,43 0,470 250 12,50 34,76 26,31 177,16 0,54 62,37 62,40 0,470 270 12,19 34,78 26,40 170,44 0,57 62,62 62,66 0,470 280 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
170									
180									
190 13.73 34.84 26.14 193.58 0.43 62.09 62.11 0.480 200 13.59 34.89 26.21 187.71 0.45 61.64 61.66 0.487 210 13.41 34.84 26.20 188.39 0.47 61.35 61.38 0.499 220 13.10 34.81 26.24 184.45 0.49 61.55 61.58 0.485 230 12.92 34.82 26.29 180.63 0.51 62.56 62.59 0.470 240 12.74 34.74 26.26 183.38 0.52 62.40 62.43 0.470 250 12.50 34.76 26.33 177.16 0.54 62.37 62.40 0.470 260 12.35 34.76 26.36 174.84 0.56 62.54 62.57 0.470 280 12.05 34.76 26.41 169.97 0.59 62.71 62.75 0.468 290 11.87 34.77 26.45 165.82 0.61 63.23 63.27 0.460 300 11.71 34.70 26.43 168.32 0.62 63.48 63.52 0.458 310 11.46 34.73 26.50 161.92 0.64 64.01 64.04 0.448 320 11.34 34.74 26.53 159.21 0.66 64.66 64.70 0.440 330 11.11 34.72 26.56 156.81 0.67 64.68 64.70 0.440 340 10.93 34.70 26.43 155.20 0.69 64.52 64.56 0.440 350 10.54 34.65 26.61 151.86 0.71 64.43 64.48 0.440 350 10.54 34.65 26.61 151.52 0.74 64.36 64.40 0.440 380 10.54 34.65 26.61 151.52 0.74 64.36 64.40 0.440 380 10.54 34.65 26.61 152.18 0.72 64.36 64.70 0.440 380 10.54 34.65 26.61 151.52 0.74 64.36 64.40 0.440 380 10.54 34.65 26.61 151.86 0.71 64.43 64.48 0.440 370 10.35 34.62 26.65 148.05 0.75 64.38 64.23 0.440 380 10.14 34.65 26.61 151.52 0.74 64.36 64.40 0.440 380 10.54 34.65 26.61 152.18 0.75 64.38 64.23 0.440 370 10.35 34.62 26.65 148.05 0.75 64.37 64.48 0.430 370 10.35 34.62 26.65 148.05 0.75 64.37 64.78 0.437 400 9.64 34.60 26.71 142.28 0.78 64.37 64.40 0.440 410 9.27 34.49 26.70 143.82 0.76 64.37 64.70 0.430 470 8.92 34.63 26.88 128.93 0.81 63.91 63.96 0.450 480 8.92 34.56 26.88 128.93 0.81 63.91 63.96 0.450 480 8.92 34.55 26.68 128.93 0.81 63.91 63.95 0.450 480 8.92 34.55 26.95 119.92 0.87 64.66 64.72 0.440 480 8.92 34.55 26.88 126.52 0.86 64.66 64.72 0.440 480 8.92 34.55 26.88 126.52 0.86 64.66 64.72 0.440 490 7.87 34.58 26.90 124.01 0.89 64.72 64.88 0.430 0.767 34.55 27.10 106.20 1.02 64.81 64.88 0.430 0.70 5.96 34.53 27.10 106.20 1.02 64.81 64.88 0.430 0.50 5.43 34.53 27.21 96.51 1.12 64.62 64.71 0.440 900 5.43 34.53 27.27 90.92 1.21 64.76 64.86 0.430									
200 13.59 34.89 26.21 187.71 0.45 61.64 61.66 0.487 210 13.41 34.84 26.20 188.39 0.47 61.35 61.58 0.490 220 13.10 34.81 26.24 184.45 0.49 61.55 61.58 0.485 230 12.92 34.82 26.29 180.63 0.51 62.56 62.59 0.470 240 12.74 34.74 26.26 183.38 0.52 62.40 62.43 0.470 250 12.50 34.76 26.36 174.84 0.56 62.37 62.40 0.470 260 12.35 34.76 26.40 170.44 0.56 62.57 0.470 270 12.19 34.78 26.41 169.97 0.59 62.71 62.75 0.468 290 11.87 34.77 26.45 165.82 0.61 63.23 63.27 0.468 310 11.46 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
210 13.41 34.84 26.20 188.39 0.47 61.35 61.38 0.490 220 13.10 34.81 26.24 184.45 0.49 61.55 61.58 0.485 230 12.92 34.82 26.29 180.63 0.51 62.56 62.59 0.470 240 12.74 34.74 26.26 183.38 0.52 62.40 62.43 0.470 250 12.50 34.76 26.33 177.16 0.54 62.37 62.40 0.470 260 12.35 34.76 26.36 174.84 0.56 62.54 62.57 0.470 280 12.05 34.76 26.41 169.97 0.59 62.71 62.75 0.468 290 11.87 34.77 26.45 165.82 0.61 63.23 63.27 0.460 300 11.71 34.79 26.45 15.92 0.64 64.01 64.04 0.480 310									
220 13.10 34.81 26.24 184.45 0.49 61.55 61.58 0.485 230 12.92 34.82 26.29 180.63 0.51 62.56 62.59 0.470 240 12.74 34.74 26.26 183.38 0.52 62.40 62.43 0.470 250 12.50 34.76 26.33 177.16 0.54 62.37 62.40 0.470 260 12.35 34.76 26.36 174.84 0.56 62.54 62.57 0.470 270 12.19 34.78 26.40 170.44 0.57 62.62 62.66 0.470 280 12.05 34.76 26.41 169.97 0.59 62.71 62.75 0.468 290 11.87 34.70 26.45 165.82 0.61 63.23 63.27 0.460 300 11.71 34.70 26.45 165.82 0.61 63.23 63.27 0.458 310 <td></td> <td></td> <td></td> <td></td> <td>188.39</td> <td></td> <td></td> <td></td> <td></td>					188.39				
240 12.74 34.74 26.26 183.38 0.52 62.40 62.43 0.470 250 12.50 34.76 26.33 177.16 0.54 62.37 62.40 0.470 260 12.35 34.76 26.36 174.84 0.56 62.54 62.57 0.470 270 12.19 34.78 26.40 170.44 0.57 62.62 62.66 0.470 280 12.05 34.76 26.41 169.97 0.59 62.71 62.75 0.468 290 11.87 34.77 26.45 165.82 0.61 63.23 63.27 0.460 300 11.71 34.70 26.45 165.82 0.61 63.23 63.27 0.458 310 11.46 34.73 26.50 161.92 0.64 64.01 64.04 0.448 320 11.34 34.74 26.53 159.21 0.66 64.66 64.70 0.440 340 <td></td> <td></td> <td>34.81</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.485</td>			34.81						0.485
250 12.50 34.76 26.33 177.16 0.54 62.37 62.40 0.470 260 12.35 34.76 26.36 174.84 0.56 62.54 62.57 0.470 270 12.19 34.78 26.40 170.44 0.57 62.62 62.66 0.470 280 12.05 34.76 26.41 169.97 0.59 62.71 62.75 0.468 290 11.87 34.77 26.45 168.32 0.61 63.23 63.27 0.460 300 11.71 34.73 26.55 161.92 0.64 64.01 64.04 0.488 310 11.46 34.73 26.55 156.81 0.67 64.68 64.72 0.440 340 10.93 34.70 26.56 156.81 0.67 64.68 64.72 0.440 340 10.93 34.70 26.56 156.81 0.67 64.68 64.72 0.40 350	230	12.92	34.82	26.29	180.63	0.51	62.56	62.59	0.470
260 12.35 34.76 26.36 174.84 0.56 62.54 62.57 0.470 270 12.19 34.78 26.40 170.44 0.57 62.62 62.62 62.66 0.470 280 12.05 34.76 26.41 169.97 0.59 62.71 62.75 0.468 290 11.87 34.77 26.45 165.82 0.61 63.23 63.27 0.460 300 11.71 34.70 26.43 168.32 0.62 63.48 63.52 0.458 310 11.46 34.73 26.50 161.92 0.64 64.01 64.04 0.448 320 11.34 34.72 26.53 159.21 0.66 64.66 64.70 0.440 330 11.11 34.72 26.51 155.80 0.69 64.52 64.56 0.40 340 10.93 34.70 26.58 155.20 0.69 64.52 64.56 0.40 <tr< td=""><td>240</td><td>12.74</td><td>34.74</td><td>26.26</td><td>183.38</td><td></td><td></td><td></td><td>0.470</td></tr<>	240	12.74	34.74	26.26	183.38				0.470
270 12.19 34.78 26.40 170.44 0.57 62.62 62.66 0.470 280 12.05 34.76 26.41 169.97 0.59 62.71 62.75 0.468 290 11.87 34.77 26.45 165.82 0.61 63.23 63.27 0.460 300 11.71 34.70 26.43 168.32 0.62 63.48 63.52 0.458 310 11.46 34.73 26.50 161.92 0.64 64.01 64.04 0.448 320 11.34 34.74 26.53 159.21 0.66 64.66 64.70 0.440 340 10.93 34.70 26.58 155.20 0.69 64.52 64.56 0.440 350 10.71 34.69 26.61 151.86 0.71 64.43 64.42 0.440 360 10.54 34.65 26.61 152.18 0.72 64.18 64.23 0.440 370 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
280 12.05 34.76 26.41 169.97 0.59 62.71 62.75 0.468 290 11.87 34.77 26.45 165.82 0.61 63.23 63.27 0.460 300 11.71 34.70 26.43 168.32 0.62 63.48 63.52 0.458 310 11.46 34.73 26.50 161.92 0.64 64.01 64.04 0.448 320 11.34 34.74 26.53 159.21 0.66 64.66 64.70 0.440 340 10.93 34.70 26.58 155.20 0.69 64.52 64.56 0.440 350 10.71 34.69 26.61 151.86 0.71 64.43 64.48 0.440 350 10.71 34.69 26.61 151.86 0.71 64.43 64.48 0.440 370 10.35 34.62 26.62 151.52 0.74 64.36 64.40 0.440 380 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
290 11.87 34.77 26.45 165.82 0.61 63.23 63.27 0.460 300 11.71 34.70 26.43 168.32 0.62 63.48 63.52 0.458 310 11.46 34.73 26.50 161.92 0.64 64.01 64.04 0.448 320 11.34 34.74 26.53 159.21 0.66 64.66 64.70 0.440 330 11.11 34.72 26.56 156.81 0.67 64.68 64.72 0.440 340 10.93 34.70 26.58 155.20 0.69 64.52 64.56 0.440 350 10.71 34.69 26.61 151.86 0.71 64.43 64.48 0.440 360 10.54 34.65 26.61 152.18 0.72 64.18 64.23 0.440 380 10.14 34.62 26.65 148.05 0.75 64.36 64.40 0.440 390 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
300 11.71 34.70 26.43 168.32 0.62 63.48 63.52 0.458 310 11.46 34.73 26.50 161.92 0.64 64.01 64.04 0.448 320 11.34 34.74 26.53 159.21 0.66 64.66 64.70 0.40 330 11.11 34.72 26.56 156.81 0.67 64.68 64.72 0.40 340 10.93 34.70 26.58 155.20 0.69 64.52 64.56 0.40 350 10.71 34.69 26.61 151.86 0.71 64.43 64.48 0.40 360 10.54 34.65 26.61 151.52 0.72 64.18 64.23 0.440 370 10.35 34.62 26.62 151.52 0.74 64.36 64.40 0.440 390 9.84 34.61 26.70 143.82 0.76 64.73 64.78 0.437 400									
310 11.46 34.73 26.50 161.92 0.64 64.01 64.04 0.448 320 11.34 34.74 26.53 159.21 0.66 64.66 64.70 0.440 340 10.93 34.70 26.58 155.20 0.69 64.52 64.56 0.440 350 10.71 34.69 26.61 151.86 0.71 64.43 64.48 0.440 360 10.54 34.65 26.61 151.86 0.72 64.18 64.23 0.440 370 10.35 34.62 26.65 148.05 0.75 64.39 64.44 0.440 380 10.14 34.62 26.65 148.05 0.75 64.39 64.44 0.440 390 9.84 34.61 26.70 143.82 0.76 64.73 64.78 0.437 400 9.64 34.60 26.71 142.28 0.78 64.59 64.64 0.440 410									
320 11.34 34.74 26.53 159.21 0.66 64.66 64.70 0.440 330 11.11 34.72 26.56 156.81 0.67 64.68 64.72 0.440 340 10.93 34.70 26.58 155.20 0.69 64.52 64.56 0.440 350 10.71 34.69 26.61 151.86 0.71 64.43 64.48 0.440 360 10.54 34.65 26.61 152.18 0.72 64.18 64.23 0.440 370 10.35 34.62 26.65 148.05 0.75 64.36 64.40 0.440 380 10.14 34.62 26.65 148.05 0.75 64.39 64.44 0.440 390 9.84 34.61 26.70 143.82 0.76 64.73 64.78 0.437 400 9.64 34.49 26.70 143.87 0.79 64.10 64.15 0.440 410									
330 11.11 34.72 26.56 156.81 0.67 64.68 64.72 0.440 340 10.93 34.70 26.58 155.20 0.69 64.52 64.56 0.440 350 10.71 34.69 26.61 151.86 0.71 64.43 64.48 0.440 360 10.54 34.65 26.61 152.18 0.72 64.18 64.23 0.440 370 10.35 34.62 26.62 151.52 0.74 64.36 64.40 0.440 380 10.14 34.62 26.65 148.05 0.75 64.39 64.44 0.440 390 9.84 34.61 26.70 143.82 0.76 64.73 64.78 0.437 400 9.64 34.60 26.71 142.28 0.78 64.59 64.64 0.440 410 9.27 34.49 26.70 143.87 0.79 64.10 64.15 0.447 420									
340 10.93 34.70 26.58 155.20 0.69 64.52 64.56 0.440 350 10.71 34.69 26.61 151.86 0.71 64.43 64.48 0.440 360 10.54 34.65 26.61 152.18 0.72 64.18 64.23 0.440 370 10.35 34.62 26.65 148.05 0.75 64.36 64.40 0.440 380 10.14 34.62 26.65 148.05 0.75 64.39 64.44 0.440 390 9.84 34.61 26.70 143.82 0.76 64.73 64.78 0.437 400 9.64 34.60 26.71 142.28 0.78 64.59 64.64 0.440 410 9.27 34.49 26.70 143.87 0.79 64.10 64.15 0.447 420 9.04 34.65 26.86 128.93 0.81 63.91 63.96 0.450 430									
350 10.71 34.69 26.61 151.86 0.71 64.43 64.48 0.440 360 10.54 34.65 26.61 152.18 0.72 64.18 64.23 0.440 370 10.35 34.62 26.62 151.52 0.74 64.36 64.40 0.440 380 10.14 34.62 26.65 148.05 0.75 64.39 64.44 0.440 390 9.84 34.61 26.70 143.82 0.76 64.73 64.78 0.437 400 9.64 34.60 26.71 142.28 0.78 64.59 64.64 0.440 410 9.27 34.49 26.70 143.87 0.79 64.10 64.15 0.447 420 9.04 34.65 26.86 128.93 0.81 63.91 63.96 0.450 430 9.02 34.63 26.85 130.29 0.82 63.95 64.01 0.450 440									
360 10.54 34.65 26.61 152.18 0.72 64.18 64.23 0.440 370 10.35 34.62 26.62 151.52 0.74 64.36 64.40 0.440 380 10.14 34.62 26.65 148.05 0.75 64.39 64.44 0.440 390 9.84 34.61 26.70 143.82 0.76 64.73 64.78 0.437 400 9.64 34.60 26.71 142.28 0.78 64.59 64.64 0.440 410 9.27 34.49 26.70 143.87 0.79 64.10 64.15 0.447 420 9.04 34.65 26.86 128.93 0.81 63.91 63.96 0.450 430 9.02 34.63 26.85 130.29 0.82 63.95 64.01 0.450 440 8.92 34.56 26.80 134.06 0.83 64.14 64.20 0.444 450 8.60 34.53 26.88 126.52 0.86 64.55 64.61 0.									
370 10.35 34.62 26.62 151.52 0.74 64.36 64.40 0.440 380 10.14 34.62 26.65 148.05 0.75 64.39 64.44 0.440 390 9.84 34.61 26.70 143.82 0.76 64.73 64.78 0.437 400 9.64 34.60 26.71 142.28 0.78 64.59 64.64 0.440 410 9.27 34.49 26.70 143.87 0.79 64.10 64.15 0.447 420 9.04 34.65 26.86 128.93 0.81 63.91 63.96 0.450 430 9.02 34.63 26.85 130.29 0.82 63.95 64.01 0.450 440 8.92 34.56 26.85 130.29 0.82 63.95 64.01 0.450 450 8.60 34.47 26.79 135.44 0.85 64.55 64.61 0.440 460 8.26 34.53 26.88 126.52 0.86 64.66 64.72 0.440 480 8.07 34.59 26.97 118.79 0.88 64.72 64.78 0.430 500 <									
380 10.14 34.62 26.65 148.05 0.75 64.39 64.44 0.440 390 9.84 34.61 26.70 143.82 0.76 64.73 64.78 0.437 400 9.64 34.60 26.71 142.28 0.78 64.59 64.64 0.440 410 9.27 34.49 26.70 143.87 0.79 64.10 64.15 0.447 420 9.04 34.65 26.86 128.93 0.81 63.91 63.96 0.450 430 9.02 34.63 26.85 130.29 0.82 63.95 64.01 0.450 440 8.92 34.56 26.80 134.06 0.83 64.14 64.20 0.444 450 8.60 34.47 26.79 135.44 0.85 64.55 64.61 0.440 460 8.26 34.53 26.88 126.52 0.86 64.66 64.72 0.440 480 8.07 34.59 26.97 118.79 0.88 64.72 64.78 0.44								64.40	0.440
400 9.64 34.60 26.71 142.28 0.78 64.59 64.64 0.440 410 9.27 34.49 26.70 143.87 0.79 64.10 64.15 0.447 420 9.04 34.65 26.86 128.93 0.81 63.91 63.96 0.450 430 9.02 34.63 26.85 130.29 0.82 63.95 64.01 0.450 440 8.92 34.63 26.81 134.06 0.83 64.14 64.20 0.444 450 8.60 34.47 26.79 135.44 0.85 64.55 64.61 0.440 460 8.26 34.53 26.88 126.52 0.86 64.66 64.72 0.440 470 8.12 34.59 26.95 119.92 0.87 64.65 64.71 0.440 480 8.07 34.59 26.97 118.79 0.88 64.72 64.78 0.440 490 7.87 34.48 26.90 124.01 0.89 64.79 64.85 0.430	380	10.14	34.62	26.65		0.75	64.39	64.44	0.440
410 9.27 34.49 26.70 143.87 0.79 64.10 64.15 0.447 420 9.04 34.65 26.86 128.93 0.81 63.91 63.96 0.450 430 9.02 34.63 26.85 130.29 0.82 63.95 64.01 0.450 440 8.92 34.56 26.80 134.06 0.83 64.14 64.20 0.444 450 8.60 34.47 26.79 135.44 0.85 64.55 64.61 0.440 460 8.26 34.53 26.88 126.52 0.86 64.66 64.72 0.440 470 8.12 34.59 26.95 119.92 0.87 64.65 64.71 0.440 480 8.07 34.59 26.97 118.79 0.88 64.72 64.78 0.440 490 7.87 34.48 26.90 124.01 0.89 64.79 64.85 0.430 500 7.67 34.52 27.10 106.20 1.02 64.81 64.88 0.430									
420 9.04 34.65 26.86 128.93 0.81 63.91 63.96 0.450 430 9.02 34.63 26.85 130.29 0.82 63.95 64.01 0.450 440 8.92 34.56 26.80 134.06 0.83 64.14 64.20 0.444 450 8.60 34.47 26.79 135.44 0.85 64.55 64.61 0.440 460 8.26 34.53 26.88 126.52 0.86 64.66 64.72 0.440 470 8.12 34.59 26.95 119.92 0.87 64.65 64.71 0.440 480 8.07 34.59 26.97 118.79 0.88 64.72 64.78 0.440 490 7.87 34.48 26.90 124.01 0.89 64.79 64.85 0.430 500 7.67 34.52 27.10 106.20 1.02 64.81 64.88 0.430 700 5.96 34.53 27.21 96.51 1.12 64.62 64.71 0.440<	400								
430 9.02 34.63 26.85 130.29 0.82 63.95 64.01 0.450 440 8.92 34.56 26.80 134.06 0.83 64.14 64.20 0.444 450 8.60 34.47 26.79 135.44 0.85 64.55 64.61 0.440 460 8.26 34.53 26.88 126.52 0.86 64.66 64.72 0.440 470 8.12 34.59 26.95 119.92 0.87 64.65 64.71 0.440 480 8.07 34.59 26.97 118.79 0.88 64.72 64.78 0.440 490 7.87 34.48 26.90 124.01 0.89 64.79 64.85 0.430 500 7.67 34.55 27.00 116.12 0.91 64.81 64.87 0.430 600 6.71 34.52 27.10 106.20 1.02 64.81 64.88 0.430 700 5.96 34.53 27.27 90.92 1.21 64.62 64.71 0.440<									
440 8.92 34.56 26.80 134.06 0.83 64.14 64.20 0.444 450 8.60 34.47 26.79 135.44 0.85 64.55 64.61 0.440 460 8.26 34.53 26.88 126.52 0.86 64.66 64.72 0.440 470 8.12 34.59 26.95 119.92 0.87 64.65 64.71 0.440 480 8.07 34.59 26.97 118.79 0.88 64.72 64.78 0.440 490 7.87 34.48 26.90 124.01 0.89 64.79 64.85 0.430 500 7.67 34.55 27.00 116.12 0.91 64.81 64.87 0.430 600 6.71 34.52 27.10 106.20 1.02 64.81 64.88 0.430 700 5.96 34.53 27.21 96.51 1.12 64.62 64.71 0.440 800 5.43 34.53 27.27 90.92 1.21 64.76 64.86 0.430 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
450 8.60 34.47 26.79 135.44 0.85 64.55 64.61 0.440 460 8.26 34.53 26.88 126.52 0.86 64.66 64.72 0.440 470 8.12 34.59 26.95 119.92 0.87 64.65 64.71 0.440 480 8.07 34.59 26.97 118.79 0.88 64.72 64.78 0.440 490 7.87 34.48 26.90 124.01 0.89 64.79 64.85 0.430 500 7.67 34.55 27.00 116.12 0.91 64.81 64.87 0.430 600 6.71 34.52 27.10 106.20 1.02 64.81 64.88 0.430 700 5.96 34.53 27.21 96.51 1.12 64.62 64.71 0.440 800 5.43 34.53 27.27 90.92 1.21 64.76 64.86 0.430 900 4.97 34.53 27.34 85.33 1.30 64.75 64.87 0.430 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
460 8.26 34.53 26.88 126.52 0.86 64.66 64.72 0.440 470 8.12 34.59 26.95 119.92 0.87 64.65 64.71 0.440 480 8.07 34.59 26.97 118.79 0.88 64.72 64.78 0.440 490 7.87 34.48 26.90 124.01 0.89 64.79 64.85 0.430 500 7.67 34.55 27.00 116.12 0.91 64.81 64.87 0.430 600 6.71 34.52 27.10 106.20 1.02 64.81 64.88 0.430 700 5.96 34.53 27.21 96.51 1.12 64.62 64.71 0.440 800 5.43 34.53 27.27 90.92 1.21 64.76 64.86 0.430 900 4.97 34.53 27.34 85.33 1.30 64.75 64.87 0.430									
470 8.12 34.59 26.95 119.92 0.87 64.65 64.71 0.440 480 8.07 34.59 26.97 118.79 0.88 64.72 64.78 0.440 490 7.87 34.48 26.90 124.01 0.89 64.79 64.85 0.430 500 7.67 34.55 27.00 116.12 0.91 64.81 64.87 0.430 600 6.71 34.52 27.10 106.20 1.02 64.81 64.88 0.430 700 5.96 34.53 27.21 96.51 1.12 64.62 64.71 0.440 800 5.43 34.53 27.27 90.92 1.21 64.76 64.86 0.430 900 4.97 34.53 27.34 85.33 1.30 64.75 64.87 0.430									
480 8.07 34.59 26.97 118.79 0.88 64.72 64.78 0.440 490 7.87 34.48 26.90 124.01 0.89 64.79 64.85 0.430 500 7.67 34.55 27.00 116.12 0.91 64.81 64.87 0.430 600 6.71 34.52 27.10 106.20 1.02 64.81 64.88 0.430 700 5.96 34.53 27.21 96.51 1.12 64.62 64.71 0.440 800 5.43 34.53 27.27 90.92 1.21 64.76 64.86 0.430 900 4.97 34.53 27.34 85.33 1.30 64.75 64.87 0.430									
490 7.87 34.48 26.90 124.01 0.89 64.79 64.85 0.430 500 7.67 34.55 27.00 116.12 0.91 64.81 64.87 0.430 600 6.71 34.52 27.10 106.20 1.02 64.81 64.88 0.430 700 5.96 34.53 27.21 96.51 1.12 64.62 64.71 0.440 800 5.43 34.53 27.27 90.92 1.21 64.76 64.86 0.430 900 4.97 34.53 27.34 85.33 1.30 64.75 64.87 0.430									
500 7.67 34.55 27.00 116.12 0.91 64.81 64.87 0.430 600 6.71 34.52 27.10 106.20 1.02 64.81 64.88 0.430 700 5.96 34.53 27.21 96.51 1.12 64.62 64.71 0.440 800 5.43 34.53 27.27 90.92 1.21 64.76 64.86 0.430 900 4.97 34.53 27.34 85.33 1.30 64.75 64.87 0.430									
600 6.71 34.52 27.10 106.20 1.02 64.81 64.88 0.430 700 5.96 34.53 27.21 96.51 1.12 64.62 64.71 0.440 800 5.43 34.53 27.27 90.92 1.21 64.76 64.86 0.430 900 4.97 34.53 27.34 85.33 1.30 64.75 64.87 0.430									
700 5.96 34.53 27.21 96.51 1.12 64.62 64.71 0.440 800 5.43 34.53 27.27 90.92 1.21 64.76 64.86 0.430 900 4.97 34.53 27.34 85.33 1.30 64.75 64.87 0.430									
300 5.43 34.53 27.27 90.92 1.21 64.76 64.86 0.430 900 4.97 34.53 27.34 85.33 1.30 64.75 64.87 0.430				27.21					
900 4.97 34.53 27.34 85.33 1.30 64.75 64.87 0.430	300	5.43	34.53	27.27	90.92				0.430
1000 4.61 34.56 27.39 80.51 1.38 64.78 64.91 0.430				27.34					
	1000	4.61	34.56	27.39	80.51	1.38	64.78	64.91	0.430

DEPTH	TEMP	SAL	S1G-1	SVA	DELD	ZTRANS	POT TR	POT C
1100	4.23	34.52	27.40	78.88	1.46	64.38	64.52	0.440
1300	3.83	34.57	27.48	71.49 59.37	1.54	64.35	64.50	0.440
1400	3.01	34.62	27.61	59.10	1.56	64.25	64.43	0.440
1600	2.65	34.64	27.65	55.57 55.28	1.72	63.98	64.18	0.440
1700 1731	2.52	34.64	27.66	54.06 54.19	1.83	63.11	62.62	0.460

WELOC 77 STA 50 7-JUN-79 1130 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	POT TR	POT C
10	20.92	35.19	24.67	328.08	0.03	53.94	53.94	0.620
20	19.40	35.11	25.02	295.93	0.07	53.86	53.86	0.620
30	19.08	35.14	25.13	285.81	0.10	54.67	54.67	0.606
40	18.49	34.80	25.02	296.89	0.12	59.34	59.35	0.525
50	16.79	34.74	25.38	262.54	0.15	62.79	62.80	0.463
60	16.08	34.86	25.64	237.77	0.18	63.48	63.49	0.452
70	15.67	34.93	25.79	223.98	0.20	64.03	64.04	0.450
80	15.35	34.97	25.90	214.26	0.22	64.31	64.32	0.440
90	15.14	34.90	25.88	215.59	0.24	64.41	64.42	0.440
100	14.92	34.93	25.96	208.66	0.26	64.47	64.48	0.440
110	14.76	34.90	25.96	208.07	0.28	64.45	64.46	0.440
120 130	14.58	34.90	26.01	204.31	0.30	64.55	64.56	0.440
140	14.33	34.94	26.10	197.15	0.35	64.59	64.61	0.440
150	14.20	34.87	26.06	200.07	0.36	63.84	63.86	0.450
160	14.01	34.89	26.12	195.38	0.38	63.59	63.61	0.450
170	13.83	34.83	26.11	196.09	0.40	62.40	62.42	0.470
180	13.64	34.82	26.15	193.21	0.42	61.67	61.70	0.480
190	13.51	34.88	26.21	186.84	0.44	61.33	61.35	0.490
200	13.39	34.82	26.20	188.53	0.46	61.12	61.15	0.490
210	13.23	35.07	26.42	167.55	0.48	60.89	60.92	0.500
220	13.09	34.83	26.26	183.20	0.50	60.78	60.81	0.500
230	12.93	34.83	26.29	179.85	0.51	61.19	61.22	0.490
240	12.78	34.83	26.33	176.86	0.53	61.36	61.39	0.490
250	12.66	34.76	26.30	179.95	0.55	62.07	62.11	0.481
260	12.46	34.75	26.33	177.14	0.57	62.61	62.64	0.470
270	12.28	34.81	26.41	169.84	0.59	62.66	62.70	0.470
280 290	12.14	34.78	26.42	169.87	0.60	62.68	62.72	0.467
300	11.78	34.80	26.50	162.31	0.63	63.28	63.32	0.460
310	11.66	34.79	26.51	161.24	0.65	63.41	63.45	0.460
320	11.55	34.72	26.47	164.57	0.67	63.74	63.78	0.450
330	11.31	34.66	26.48	164.50	0.68	63.68	63.72	0.450
340	11.09	34.71	26.55	157.38	0.70	63.79	63.83	0.450
350	10.94	34.67	26.55	157.51	0.71	64.40	64.44	0.440
360	10.79	34.69	26.60	153.58	0.73	64.68	64.72	0.440
370	10.60	34.61	26.57	156.32	0.74	64.54	64.59	0.440
380	10.33	34.64	26.63	149.95	0.76	64.61	64.66	0.440
390	10.13	34.62	26.66	147.55	0.78	64.68	64.72	0.440
400	9.85 9.59	34.57	26.67	147.02	0.79	64.75	64.80	0.432
410	9.39	34.57 34.55	26.73	143.48	0.81	64.83	64.88	0.430
430	9.08	34.56	26.78	136.51	0.84	64.81	64.86	0.430
440	8.88	34.55	26.80	134.73	0.84	64.78	64.84	0.431
450	8.64	34.56	26.85	129.50	0.86	64.77	64.83	0.440
460	8.39	34.51	26.85	129.89	0.87	64.78	64.84	0.430
470	8.13	34.51	26.89	126.13	0.88	64.75	64.81	0.430
480	7.94	34.54	26.95	120.57	0.90	64.77	64.83	0.430
490	7.81	34.55	26.97	117.60	0.91	64.80	64.86	0.430
500	7.73	34.51	26.96	120.03	0.92	64.76	64.83	0.430
600	6.80	34.55	27.11	105.19	1.03	64.73	64.81	0.435
700	6.03	34.53	27.21	97.41	1.14	64.65	64.74	0.440
800	5.36	34.53	27.29	89.70	1.23	64.74	64.85	0.430
1000	4.92	34.50	27.31 27.41	87.75 79.12	1.31	64.86	64.98	0.430
1000	4.47	34.33	27.41	//·1×	1.07	W-1-00	04.70	0.700

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1100	4.11	34.56	27.44	75.21	1.48	64.78	64.92	0.430
1200	3.77	34.57	27.49	70.90	1.55	64.59	64.74	0.440
1300	3.42	34.61	27.56	64.20	1.61	64.80	64.96	0.430
1400	3.08	34.62	27.60	60.34	1.68	64.85	65.02	0.430
1500	2.91	34.63	27.62	57.77	1.74	64.66	64.86	0.430
1600	2.67	34.66	27.67	53.31	1.79	64.34	64.55	0.440
1700	2.52	34.65	27.67	52.76	1.85	64.07	64.30	0.440
1800	2.42	34.17	27.30	87.49	1.91	64.20	64.44	0.440
1900	2.28	34.67	27.71	49.64	1.96	63.59	63.84	0.450
2000	2.22	34.69	27.73	48.10	2.00	63.24	63.50	0.451
2100	2.21	34.68	27.72	48.94	2.05	63.22	63.50	0.460
2130	2.19	34.69	27.73	48.34	2.07	63.21	63.49	0.450

WELOC 77 STA 51 7-JUN-77 1315 UP CAST

3087	DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1.78	3087	1.77	34.67	27.75	47.68	2.41	64.25	64.65	0.440
2900 1.78 34.76 27.76 44.93 2.33 64.11 64.49 0.440 2800 1.80 34.68 27.76 45.78 2.28 64.10 64.48 0.440 2600 1.88 34.67 27.77 44.74 2.24 64.13 64.48 0.440 2500 1.96 34.68 27.72 47.69 2.19 64.18 64.23 0.440 2400 1.99 34.66 27.71 47.69 2.09 63.79 64.23 0.440 2200 2.11 34.66 27.71 49.35 1.99 63.79 64.28 0.440 2100 2.19 34.64 27.70 51.36 1.99 64.30 64.75 0.440 2000 2.26 34.63 27.67 52.92 1.89 64.15 64.07 0.440 1900 2.33 34.63 27.67 53.62 1.73 64.50 0.470 1900 2.43									
2800 1.80 34.68 27.76 45.98 2.28 64.10 64.46 0.440 2600 1.88 34.67 27.77 44.74 2.24 64.13 64.48 0.440 2500 1.96 34.66 27.72 49.25 2.19 64.15 64.30 0.440 2400 1.99 34.66 27.71 49.75 2.04 64.13 64.33 0.440 2300 2.05 34.65 27.71 49.75 2.04 64.04 64.33 0.440 2100 2.19 34.64 27.70 51.36 1.99 63.39 64.28 0.440 2100 2.26 34.65 27.70 51.36 1.99 64.30 64.57 0.440 1800 2.33 34.63 27.67 53.62 1.88 64.15 64.40 0.440 1800 2.42 34.63 27.67 53.62 1.78 64.44 64.67 0.440 1800									
2700									
2500 1.98 34.67 27.74 47.65 2.19 64.15 64.38 0.440 2400 1.99 34.68 27.74 47.69 2.09 63.92 64.23 0.440 2300 2.05 34.65 27.71 49.75 2.04 64.04 64.33 0.440 2100 2.19 34.64 27.70 51.36 1.99 63.97 64.28 0.440 2100 2.19 34.64 27.70 51.36 1.99 64.30 64.56 0.440 1800 2.26 34.63 27.67 52.92 1.89 64.30 64.56 0.440 1800 2.242 34.63 27.67 53.62 1.89 64.15 64.40 0.440 1800 2.51 34.61 27.60 59.81 1.61 64.59 64.72 0.440 1800 2.53 34.51 27.60 59.81 1.61 64.59 64.79 0.430 1500									
2500									
2400									
2300 2.05 34.65 27.71 49.75 2.04 64.04 64.34 0.440 2200 2.19 34.64 27.70 51.36 1.99 63.99 64.28 0.440 2000 2.26 34.65 27.70 51.22 1.89 64.30 64.56 0.440 1900 2.33 34.63 27.67 53.62 1.78 64.40 64.60 0.440 1800 2.42 34.63 27.67 53.62 1.78 64.40 64.67 0.440 1700 2.51 34.51 27.62 58.42 1.67 64.59 64.79 0.430 1500 2.86 34.60 27.60 59.81 1.61 64.65 64.72 0.430 1500 2.86 34.60 27.60 59.81 1.61 64.55 64.79 65.17 0.430 1400 3.03 34.53 27.54 65.90 1.48 64.96 65.13 0.430									
2100 2.19 34.64 27.70 51.36 1.94 64.30 64.57 0.440 2000 2.26 34.65 27.77 51.22 1.89 64.30 64.56 0.440 1800 2.42 34.63 27.67 53.62 1.78 64.40 64.67 0.440 1800 2.51 34.61 27.64 55.95 1.73 64.50 64.72 0.440 1600 2.65 34.59 27.62 58.42 1.67 64.59 64.79 0.434 1500 2.86 34.60 27.57 63.17 1.55 64.99 65.17 0.430 1300 3.33 34.57 27.54 65.90 1.48 64.96 65.13 0.430 1200 3.70 34.51 27.41 78.19 1.34 64.96 65.13 0.430 1100 4.53 34.51 27.31 78.49 1.43 64.96 65.13 0.430 100		2.05	34.65	27.71	49.75	2.04			0.440
2000	2200	2.11	34.56	27.71	49.35	1.99	63.99	64.28	0.440
1900	2100	2.19	34.64	27.70	51.36	1.94	64.30	64.57	0.440
1800	2000		34.65				64.30		0.440
1700	1900			27.67					0.440
1500 2.65 34.59 27.62 58.42 1.67 64.59 64.79 0.434 1500 2.86 34.60 27.60 59.81 1.61 64.65 64.84 0.430 1300 3.33 34.57 27.54 65.90 1.48 64.96 65.13 0.430 1200 3.70 34.53 27.46 73.40 1.41 65.04 65.19 0.430 1100 4.10 34.51 27.36 83.45 1.26 64.95 65.18 0.430 1000 4.53 34.51 27.36 83.45 1.26 64.95 65.16 0.430 800 5.40 34.51 27.26 91.65 1.09 65.13 65.23 0.430 700 5.97 34.55 27.22 95.37 0.99 65.14 65.23 0.430 500 7.72 34.61 27.01 113.98 0.77 65.16 65.22 0.430 480 <	1800		34.63	27.67	53.62	1.78	64.44	64.67	
1500	1700							64.72	
1400 3.09 34.58 27.57 63.17 1.55 64.99 65.17 0.430 1300 3.33 34.57 27.54 65.90 1.48 64.96 65.13 0.430 1200 3.70 34.53 27.46 73.40 1.41 65.04 65.19 0.430 1100 4.10 34.51 27.41 78.19 1.34 64.94 65.08 0.430 1000 4.53 34.51 27.36 83.45 1.26 64.95 65.08 0.430 900 4.90 34.51 27.22 95.37 0.99 65.13 65.23 0.430 700 5.97 34.55 27.22 95.37 0.99 65.14 65.23 0.430 600 6.65 34.63 27.01 113.98 0.77 65.16 65.22 0.430 490 7.86 34.62 27.01 114.36 0.76 65.16 65.22 0.430 470 8.08 34.65 26.91 116.29 0.74 65.21 65.27 0.430 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
1300 3.33 34.57 27.54 65.90 1.48 64.96 65.13 0.430 1200 3.70 34.53 27.46 73.40 1.41 65.04 65.19 0.430 1000 4.53 34.51 27.36 83.45 1.26 64.95 65.08 0.430 900 4.90 34.51 27.32 86.53 1.17 65.05 65.16 0.430 800 5.40 34.51 27.22 95.37 0.99 65.13 65.23 0.430 700 5.97 34.55 27.22 95.37 0.99 65.14 65.23 0.430 600 6.65 34.53 27.13 104.24 0.89 65.32 65.40 0.430 490 7.86 34.62 27.01 113.98 0.77 65.16 65.22 0.430 470 8.08 34.65 26.99 116.29 0.74 65.16 65.27 0.430 450 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
1200 3.70 34.53 27.46 73.40 1.41 65.04 65.19 0.430 1100 4.10 34.51 27.41 78.19 1.26 64.94 65.08 0.430 900 4.90 34.51 27.32 86.53 1.17 65.05 65.16 0.430 800 5.40 34.51 27.26 91.65 1.09 65.13 65.23 0.430 600 6.65 34.53 27.13 104.24 0.89 65.32 65.40 0.430 500 7.72 34.61 27.03 112.67 0.79 65.14 65.22 0.430 490 7.86 34.62 27.01 113.98 0.77 65.16 65.22 0.430 470 8.08 34.65 27.01 114.36 0.76 65.16 65.22 0.430 470 8.08 34.65 27.01 114.66 0.75 65.17 65.27 0.430 450 <									
1100									
1000 4.53 34.51 27.36 83.45 1.26 64.95 65.08 0.430 900 4.90 34.51 27.32 86.53 1.17 65.05 65.16 0.430 800 5.40 34.51 27.22 95.37 0.99 65.14 65.23 0.430 600 6.65 34.53 27.13 104.24 0.89 65.32 65.40 0.430 500 7.72 34.61 27.03 112.67 0.79 65.16 65.22 0.430 480 7.97 34.64 27.01 113.98 0.77 65.16 65.22 0.430 470 8.08 34.65 27.01 114.36 0.76 65.16 65.22 0.430 450 8.23 34.65 26.97 118.05 0.73 65.25 65.30 0.430 440 8.51 34.67 26.96 119.05 0.71 65.24 65.27 0.430 420 <									
900									
800 5.40 34.51 27.26 91.65 1.09 65.13 65.23 0.430 700 5.97 34.55 27.22 95.37 0.99 65.14 65.23 0.430 600 6.65 34.53 27.13 104.24 0.89 65.32 65.40 0.430 500 7.72 34.61 27.03 112.67 0.79 65.16 65.22 0.430 490 7.86 34.62 27.01 113.98 0.77 65.16 65.22 0.430 480 7.97 34.64 27.01 114.36 0.76 65.16 65.22 0.430 470 8.08 34.65 26.99 116.29 0.74 65.21 65.27 0.430 450 8.38 34.65 26.97 118.05 0.73 65.25 65.30 0.430 440 8.51 34.67 26.94 120.81 0.70 65.24 65.29 0.430 410 <									
700 5.97 34.55 27.22 95.37 0.99 65.14 65.23 0.430 600 6.65 34.53 27.13 104.24 0.89 65.32 65.40 0.430 500 7.72 34.61 27.03 112.67 0.79 65.16 65.22 0.430 490 7.86 34.62 27.01 113.98 0.77 65.16 65.22 0.430 480 7.97 34.64 27.01 114.36 0.76 65.16 65.22 0.430 470 8.08 34.65 26.99 116.29 0.74 65.21 65.27 0.430 460 8.23 34.65 26.97 118.05 0.73 65.25 65.30 0.430 450 8.38 34.66 26.96 119.05 0.71 65.27 65.32 0.430 420 8.86 34.68 26.91 123.57 0.69 65.19 65.25 0.430 410									
600 6.65 34.53 27.13 104.24 0.89 65.32 65.40 0.430 500 7.72 34.61 27.03 112.67 0.79 65.16 65.22 0.430 490 7.86 34.62 27.01 113.98 0.77 65.16 65.22 0.430 480 7.97 34.64 27.01 114.36 0.76 65.16 65.22 0.430 470 8.08 34.65 27.01 114.66 0.75 65.17 65.23 0.430 460 8.23 34.65 26.99 116.29 0.74 65.21 65.27 0.430 450 8.38 34.65 26.97 118.05 0.73 65.25 65.30 0.430 440 8.51 34.68 26.97 119.05 0.71 65.27 65.32 0.430 410 9.06 34.68 26.91 123.57 0.69 65.19 65.25 0.430 390									
500 7.72 34.61 27.03 112.67 0.79 65.16 65.22 0.430 490 7.86 34.62 27.01 113.98 0.77 65.16 65.22 0.430 480 7.97 34.64 27.01 114.36 0.76 65.16 65.22 0.430 470 8.08 34.65 27.01 114.36 0.76 65.17 65.23 0.430 460 8.23 34.65 26.99 116.29 0.74 65.21 65.27 0.430 450 8.38 34.66 26.97 118.05 0.73 65.25 65.30 0.430 430 8.67 34.68 26.94 120.81 0.70 65.24 65.27 0.430 410 9.06 34.68 26.91 123.57 0.69 65.19 65.25 0.430 490 9.22 34.69 26.86 128.36 0.66 64.90 64.95 0.430 380									
490 7.86 34.62 27.01 113.98 0.77 65.16 65.22 0.430 480 7.97 34.64 27.01 114.36 0.76 65.16 65.22 0.430 470 8.08 34.65 27.01 114.66 0.75 65.17 65.23 0.430 460 8.23 34.65 26.99 116.29 0.74 65.21 65.27 0.430 450 8.38 34.66 26.97 118.05 0.73 65.25 65.30 0.430 440 8.51 34.67 26.96 119.05 0.71 65.24 65.29 0.430 420 8.86 34.68 26.91 123.57 0.69 65.19 65.25 0.430 400 9.22 34.69 26.86 128.36 0.66 64.90 64.95 0.430 380 9.39 34.70 26.83 131.13 0.64 64.96 65.01 0.430 380									
480 7.97 34.64 27.01 114.36 0.76 65.16 65.22 0.430 470 8.08 34.65 27.01 114.66 0.75 65.17 65.23 0.430 460 8.23 34.65 26.99 116.29 0.74 65.21 65.27 0.430 450 8.38 34.66 26.97 118.05 0.73 65.25 65.30 0.430 440 8.51 34.67 26.96 119.05 0.71 65.27 65.32 0.430 430 8.67 34.68 26.91 123.57 0.69 65.19 65.25 0.430 410 9.06 34.68 26.91 123.57 0.69 65.19 65.25 0.430 400 9.22 34.69 26.86 128.36 0.66 64.90 64.95 0.430 380 9.39 34.70 26.83 131.13 0.64 64.90 64.95 0.430 370									
470 8.08 34.65 27.01 114.66 0.75 65.17 65.23 0.430 460 8.23 34.65 26.99 116.29 0.74 65.21 65.27 0.430 450 8.38 34.66 26.97 118.05 0.73 65.25 65.30 0.430 440 8.51 34.67 26.96 119.05 0.71 65.27 65.32 0.430 430 8.67 34.68 26.91 120.81 0.70 65.24 65.29 0.430 420 8.86 34.68 26.97 126.44 0.67 65.03 65.09 0.430 410 9.06 34.68 26.87 126.44 0.67 65.03 65.09 0.430 400 9.22 34.69 26.84 130.06 0.65 64.90 64.95 0.430 380 9.59 34.70 26.84 130.06 0.65 64.90 64.95 0.430 370									
460 8.23 34.65 26.99 116.29 0.74 65.21 65.27 0.430 450 8.38 34.66 26.97 118.05 0.73 65.25 65.30 0.430 440 8.51 34.67 26.96 119.05 0.71 65.27 65.32 0.430 430 8.67 34.68 26.94 120.81 0.70 65.24 65.29 0.430 420 8.86 34.68 26.91 123.57 0.69 65.19 65.25 0.430 410 9.06 34.68 26.87 126.44 0.67 65.03 65.09 0.430 400 9.22 34.69 26.86 128.36 0.66 64.90 64.95 0.430 390 9.39 34.70 26.81 131.13 0.64 64.96 65.01 0.430 370 9.80 34.78 26.79 134.87 0.63 65.02 65.07 0.430 350									
450 8.38 34.66 26.97 118.05 0.73 65.25 65.30 0.430 440 8.51 34.67 26.96 119.05 0.71 65.27 65.32 0.430 430 8.67 34.68 26.94 120.81 0.70 65.24 65.29 0.430 410 9.06 34.68 26.91 123.57 0.69 65.19 65.25 0.430 400 9.02 34.69 26.86 128.36 0.66 64.90 64.95 0.430 390 9.39 34.70 26.84 130.06 0.65 64.90 64.95 0.430 370 9.80 34.76 26.82 132.15 0.63 65.02 65.07 0.430 350 10.08 34.78 26.79 134.87 0.61 65.09 65.14 0.430 340 10.55 34.81 26.72 140.83 0.58 64.94 64.98 0.433 330									
440 8.51 34.67 26.96 119.05 0.71 65.27 65.32 0.430 430 8.67 34.68 26.94 120.81 0.70 65.24 65.29 0.430 420 8.86 34.68 26.91 123.57 0.69 65.19 65.25 0.430 410 9.06 34.68 26.87 126.44 0.67 65.03 65.09 0.430 400 9.22 34.69 26.86 128.36 0.66 64.90 64.95 0.430 390 9.39 34.70 26.84 130.06 0.65 64.90 64.95 0.430 370 9.80 34.72 26.83 131.13 0.64 64.96 65.01 0.430 350 10.08 34.78 26.79 134.87 0.61 65.09 65.14 0.430 340 10.55 34.81 26.72 140.83 0.58 64.99 64.98 0.433 330									
430 8.67 34.68 26.94 120.81 0.70 65.24 65.29 0.430 420 8.86 34.68 26.91 123.57 0.69 65.19 65.25 0.430 410 9.06 34.68 26.87 126.44 0.67 65.03 65.09 0.430 400 9.22 34.69 26.86 128.36 0.66 64.90 64.95 0.430 390 9.39 34.70 26.84 130.06 0.65 64.90 64.95 0.430 380 9.58 34.72 26.83 131.13 0.64 64.96 65.01 0.430 370 9.80 34.76 26.82 132.15 0.63 65.02 65.07 0.430 350 10.08 34.78 26.75 138.26 0.60 65.09 65.14 0.430 340 10.55 34.81 26.72 140.83 0.58 64.94 64.98 0.433 330									
420 8.86 34.68 26.91 123.57 0.69 65.19 65.25 0.430 410 9.06 34.68 26.87 126.44 0.67 65.03 65.09 0.430 400 9.22 34.69 26.86 128.36 0.66 64.90 64.95 0.430 390 9.39 34.70 26.84 130.06 0.65 64.90 64.95 0.430 380 9.58 34.72 26.83 131.13 0.64 64.96 65.01 0.430 370 9.80 34.76 26.82 132.15 0.63 65.02 65.07 0.430 360 10.08 34.78 26.79 134.87 0.61 65.09 65.14 0.430 350 10.33 34.79 26.75 138.26 0.60 65.09 65.14 0.430 340 10.55 34.81 26.72 140.83 0.58 64.94 64.98 0.433 350									
410 9.06 34.68 26.87 126.44 0.67 65.03 65.09 0.430 400 9.22 34.69 26.86 128.36 0.66 64.90 64.95 0.430 390 9.39 34.70 26.84 130.06 0.65 64.90 64.95 0.430 380 9.58 34.72 26.83 131.13 0.64 64.96 65.01 0.430 370 9.80 34.76 26.82 132.15 0.63 65.02 65.07 0.430 360 10.08 34.78 26.79 134.87 0.61 65.09 65.14 0.430 350 10.33 34.79 26.75 138.26 0.60 65.09 65.14 0.430 340 10.55 34.81 26.72 140.83 0.58 64.94 64.98 0.433 330 10.76 34.82 26.70 143.05 0.57 64.63 64.67 0.440 320 10.95 34.83 26.66 145.95 0.55 64.43 64.47									
400 9.22 34.69 26.86 128.36 0.66 64.90 64.95 0.430 390 9.39 34.70 26.84 130.06 0.65 64.90 64.95 0.430 380 9.58 34.72 26.83 131.13 0.64 64.96 65.01 0.430 370 9.80 34.76 26.82 132.15 0.63 65.02 65.07 0.430 360 10.08 34.78 26.79 134.87 0.61 65.09 65.14 0.430 350 10.33 34.79 26.75 138.26 0.60 65.09 65.14 0.430 340 10.55 34.81 26.72 140.83 0.58 64.94 64.98 0.433 330 10.76 34.82 26.70 143.05 0.57 64.63 64.67 0.440 320 10.95 34.83 26.66 145.95 0.55 64.43 64.47 0.440 310 11.15 34.81 26.52 150.01 0.54 64.43 64.47 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
390 9.39 34.70 26.84 130.06 0.65 64.90 64.95 0.430 380 9.58 34.72 26.83 131.13 0.64 64.96 65.01 0.430 370 9.80 34.76 26.82 132.15 0.63 65.02 65.07 0.430 360 10.08 34.78 26.79 134.87 0.61 65.09 65.14 0.430 350 10.33 34.79 26.75 138.26 0.60 65.09 65.14 0.430 340 10.55 34.81 26.72 140.83 0.58 64.94 64.98 0.433 330 10.76 34.82 26.70 143.05 0.57 64.63 64.67 0.440 320 10.95 34.83 26.62 150.01 0.54 64.43 64.47 0.440 300 11.31 34.80 26.59 153.36 0.52 64.34 64.37 0.440 290									
380 9.58 34.72 26.83 131.13 0.64 64.96 65.01 0.430 370 9.80 34.76 26.82 132.15 0.63 65.02 65.07 0.430 360 10.08 34.78 26.79 134.87 0.61 65.09 65.14 0.430 350 10.33 34.79 26.75 138.26 0.60 65.09 65.14 0.430 340 10.55 34.81 26.72 140.83 0.58 64.94 64.98 0.433 330 10.76 34.82 26.70 143.05 0.57 64.63 64.67 0.440 320 10.95 34.83 26.66 145.95 0.55 64.43 64.47 0.440 310 11.15 34.81 26.62 150.01 0.54 64.43 64.47 0.440 290 11.45 34.80 26.56 155.44 0.51 64.22 64.26 0.441 280									
370 9.80 34.76 26.82 132.15 0.63 65.02 65.07 0.430 360 10.08 34.78 26.79 134.87 0.61 65.09 65.14 0.430 350 10.33 34.79 26.75 138.26 0.60 65.09 65.14 0.430 340 10.55 34.81 26.72 140.83 0.58 64.94 64.98 0.433 330 10.76 34.82 26.70 143.05 0.57 64.63 64.67 0.440 320 10.95 34.83 26.66 145.95 0.55 64.43 64.47 0.440 310 11.15 34.81 26.62 150.01 0.54 64.43 64.47 0.440 390 11.31 34.80 26.59 153.36 0.52 64.34 64.38 0.440 290 11.45 34.83 26.56 155.44 0.51 64.22 64.26 0.441 280									
360 10.08 34.78 26.79 134.87 0.61 65.09 65.14 0.430 350 10.33 34.79 26.75 138.26 0.60 65.09 65.14 0.430 340 10.55 34.81 26.72 140.83 0.58 64.94 64.98 0.433 330 10.76 34.82 26.70 143.05 0.57 64.63 64.67 0.440 320 10.95 34.83 26.66 145.95 0.55 64.43 64.47 0.440 310 11.15 34.81 26.62 150.01 0.54 64.43 64.47 0.440 300 11.31 34.80 26.59 153.36 0.52 64.34 64.38 0.440 290 11.45 34.80 26.56 155.44 0.51 64.22 64.26 0.441 280 11.58 34.83 26.56 155.77 0.49 64.01 64.05 0.450 270 11.71 34.86 26.56 155.40 0.47 63.70 63.74 0.450 260 11.89 34.89 26.50 160.26 0.45 63.37 63.40 0.460 240 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
350 10.33 34.79 26.75 138.26 0.60 65.09 65.14 0.430 340 10.55 34.81 26.72 140.83 0.58 64.94 64.98 0.433 330 10.76 34.82 26.70 143.05 0.57 64.63 64.67 0.440 320 10.95 34.83 26.66 145.95 0.55 64.43 64.47 0.440 310 11.15 34.81 26.62 150.01 0.54 64.43 64.47 0.440 300 11.31 34.80 26.59 153.36 0.52 64.34 64.38 0.440 290 11.45 34.80 26.56 155.44 0.51 64.22 64.26 0.441 280 11.58 34.83 26.56 155.77 0.49 64.01 64.05 0.450 260 11.89 34.88 26.54 157.01 0.46 63.50 63.54 0.458 250 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
340 10.55 34.81 26.72 140.83 0.58 64.94 64.98 0.433 330 10.76 34.82 26.70 143.05 0.57 64.63 64.67 0.440 320 10.95 34.83 26.66 145.95 0.55 64.43 64.47 0.440 310 11.15 34.81 26.62 150.01 0.54 64.43 64.47 0.440 300 11.31 34.80 26.59 153.36 0.52 64.34 64.38 0.440 290 11.45 34.80 26.56 155.44 0.51 64.22 64.26 0.441 280 11.58 34.83 26.56 155.77 0.49 64.01 64.05 0.450 270 11.71 34.86 26.56 155.40 0.47 63.70 63.74 0.450 260 11.89 34.88 26.54 157.01 0.46 63.50 63.54 0.450 240 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
330 10.76 34.82 26.70 143.05 0.57 64.63 64.67 0.440 320 10.95 34.83 26.66 145.95 0.55 64.43 64.47 0.440 310 11.15 34.81 26.62 150.01 0.54 64.43 64.47 0.440 300 11.31 34.80 26.59 153.36 0.52 64.34 64.38 0.440 290 11.45 34.80 26.56 155.44 0.51 64.22 64.26 0.441 280 11.58 34.83 26.56 155.77 0.49 64.01 64.05 0.450 270 11.71 34.86 26.56 155.40 0.47 63.70 63.74 0.450 260 11.89 34.88 26.54 157.01 0.46 63.50 63.54 0.458 250 12.09 34.89 26.50 160.26 0.45 63.37 63.40 0.460 240 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
320 10.95 34.83 26.66 145.95 0.55 64.43 64.47 0.440 310 11.15 34.81 26.62 150.01 0.54 64.43 64.47 0.440 300 11.31 34.80 26.59 153.36 0.52 64.34 64.38 0.440 290 11.45 34.80 26.56 155.44 0.51 64.22 64.26 0.441 280 11.58 34.83 26.56 155.77 0.49 64.01 64.05 0.450 270 11.71 34.86 26.56 155.40 0.47 63.70 63.74 0.450 260 11.89 34.88 26.54 157.01 0.46 63.50 63.54 0.458 250 12.09 34.89 26.50 160.26 0.45 63.37 63.40 0.460 240 12.27 34.90 26.48 162.89 0.43 63.10 63.13 0.460 230 12.44 34.91 26.45 165.03 0.42 62.67 62.70 0.465									
310 11.15 34.81 26.62 150.01 0.54 64.43 64.47 0.440 300 11.31 34.80 26.59 153.36 0.52 64.34 64.38 0.440 290 11.45 34.80 26.56 155.44 0.51 64.22 64.26 0.441 280 11.58 34.83 26.56 155.77 0.49 64.01 64.05 0.450 270 11.71 34.86 26.56 155.40 0.47 63.70 63.74 0.450 260 11.89 34.88 26.54 157.01 0.46 63.50 63.54 0.458 250 12.09 34.89 26.50 160.26 0.45 63.37 63.40 0.460 240 12.27 34.90 26.48 162.89 0.43 63.10 63.13 0.460 230 12.44 34.91 26.45 165.03 0.42 62.67 62.70 0.465									0.440
300 11.31 34.80 26.59 153.36 0.52 64.34 64.38 0.440 290 11.45 34.80 26.56 155.44 0.51 64.22 64.26 0.441 280 11.58 34.83 26.56 155.77 0.49 64.01 64.05 0.450 270 11.71 34.86 26.56 155.40 0.47 63.70 63.74 0.450 260 11.89 34.88 26.54 157.01 0.46 63.50 63.54 0.458 250 12.09 34.89 26.50 160.26 0.45 63.37 63.40 0.460 240 12.27 34.90 26.48 162.89 0.43 63.10 63.13 0.460 230 12.44 34.91 26.45 165.03 0.42 62.67 62.70 0.465									0.440
290 11.45 34.80 26.56 155.44 0.51 64.22 64.26 0.441 280 11.58 34.83 26.56 155.77 0.49 64.01 64.05 0.450 270 11.71 34.86 26.56 155.40 0.47 63.70 63.74 0.450 260 11.89 34.88 26.54 157.01 0.46 63.50 63.54 0.458 250 12.09 34.89 26.50 160.26 0.45 63.37 63.40 0.460 240 12.27 34.90 26.48 162.89 0.43 63.10 63.13 0.460 230 12.44 34.91 26.45 165.03 0.42 62.67 62.70 0.465									0.440
280 11.58 34.83 26.56 155.77 0.49 64.01 64.05 0.450 270 11.71 34.86 26.56 155.40 0.47 63.70 63.74 0.450 260 11.89 34.88 26.54 157.01 0.46 63.50 63.54 0.458 250 12.09 34.89 26.50 160.26 0.45 63.37 63.40 0.460 240 12.27 34.90 26.48 162.89 0.43 63.10 63.13 0.460 230 12.44 34.91 26.45 165.03 0.42 62.67 62.70 0.465									
270 11.71 34.86 26.56 155.40 0.47 63.70 63.74 0.450 260 11.89 34.88 26.54 157.01 0.46 63.50 63.54 0.458 250 12.09 34.89 26.50 160.26 0.45 63.37 63.40 0.460 240 12.27 34.90 26.48 162.89 0.43 63.10 63.13 0.460 230 12.44 34.91 26.45 165.03 0.42 62.67 62.70 0.465									
260 11.89 34.88 26.54 157.01 0.46 63.50 63.54 0.458 250 12.09 34.89 26.50 160.26 0.45 63.37 63.40 0.460 240 12.27 34.90 26.48 162.89 0.43 63.10 63.13 0.460 230 12.44 34.91 26.45 165.03 0.42 62.67 62.70 0.465									0.450
250 12.09 34.89 26.50 160.26 0.45 63.37 63.40 0.460 240 12.27 34.90 26.48 162.89 0.43 63.10 63.13 0.460 230 12.44 34.91 26.45 165.03 0.42 62.67 62.70 0.465							63.50	63.54	
230 12.44 34.91 26.45 165.03 0.42 62.67 62.70 0.465	250			26.50					
			34.90	26.48					
220 12.61 34.92 26.43 167.29 0.40 62.04 62.07 0.480									
	220	12.61	34.92	26.43	167.29	0.40	62.04	62.07	0.480

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
210	12.81	34.91	26.38	171.19	0.38	61.50	61.52	0.490
200	12.97	34.91	26.34	174.46	0.36	61.40	61.42	0.490
190	13.10	34.92	26.33	175.58	0.34	61.45	61.47	0.490
180	13.23	34.96	26.33	175.35	0.32	61.61	61.63	0.481
170	13.36	34.99	26.33	175.15	0.31	61.91	61.93	0.480
160	13.52	35.02	26.32	176.07	0.29	62.40	62.42	0.474
150	13.72	35.03	26.28	179.02	0.27	63.04	63.06	0.465
140	13.93	35.01	26.23	183.59	0.25	63.68	63.70	0.455
130	14.12	35.01	26.19	187.58	0.24	64.26	64.27	0.445
120	14.30	35.01	26.15	190.85	0.22	64.79	64.81	0.435
110	14.45	35.00	26.11	194.68	0.20	65.10	65.12	0.430
100	14.59	34.98	26.07	198.49	0.18	65.11	65.12	0.430
90	14.74	34.98	26.04	200.96	0.16	65.00	65.01	0.430
80	14.91	35.00	26.01	203.18	0.14	64.98	64.99	0.430
70	15.11	35.02	25.98	205.76	0.11	64.98	64.99	0.430
60	15.40	35.08	25.97	206.88	0.09	64.77	64.78	0.434
50	15.82	35.21	25.97	206.32	0.07	64.25	64.26	0.444
40	16.58	35.41	25.95	208.56	0.05	63.05	63.06	0.461
30	17.87	35.58	25.76	225.66	0.04	60.71	60.72	0.498
20	19.38	35.57	25.38	261.63	0.03	57.69	57.69	0.550
10	20.57	35.50	25.01	295.19	0.03	54.91	54.92	0.603
3	21.14	35.50	24.86	310.59	0.04	53.38	53.38	0.630

19 (18) 50 (18) 18 (19) 11 (19) 40 (11) 40 (11) 40 (11) 41 (11)

WELOC 77 STA 52 7-JUN-77 1515 UP CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
4212	1.75	34.64	27.72	53.13	2.90	62.41	62.97	0.460
4200	1.75	34.63	27.72	54.07	2.90	62.82	63.37	0.458
4100	1.75	34.59	27.68	56.47	2.84	63.41	63.94	0.450
4000	1.77	34.60	27.69	55.71	2.79	63.49	64.01	0.450
3900	1.78	34.59	27.68	56.35	2.73	63.82	64.32	0.440
3800	1.79	34.58	27.68	56.65	2.68	64.04	64.53	0.440
3700	1.79	34.57	27.67	56.97	2.62	64.10	64.58	0.440
3600	1.78	34.60	27.69	54.96	2,56	64.08	64.54	0.440
3500	1.78	34.55	27.65	58.13	2.51	64.05	64.50	0.440
3400	1.78	34.56	27.66	56.75	2.45	64.13	64.57	0.440
	1.78		27.66	56.29	2.39	64.28	64.70	0.440
3300		34.56						
3200	1.78	34.56	27.65	56.40	2.33	64.31	64.72	0.440
3100	1.77	34.55	27.65	56.24	2.28	64.35	64.75	0.440
3000	1.78	34.54	27.64	57.02	2.22	64.22	64.61	0.440
2900	1.78	34.53	27.63	57.42	2.17	64.21	64.58	0.440
2800	1.79	34.54	27.64	56.82	2.11	64.22	64.58	0.440
2700	1.83	34.52	27.62	57.78	2.05	64.27	64.61	0.440
2600	1.87	34.50	27.60	59.50	1.99	64.21	64.55	0.440
2500		34.53	27.62	58.07	1.94	64.13	64.45	
2400	1.99	34.51	27.61	59.31	1.88	63.98	64.30	0.440
2300	2.03	34.48	27.57	62.27	1.82	64.07	64.37	0.440
2200	2.11	34.50	27.59	61.15	1.76	64.14	64.43	0.440
2100	2.20	34.51	27.58	61.52	1.69	63.87	64.15	0.447
2000	2.26	34.46	27.54	65.17	1,63	64.11	64.37	0.440
1900	2.34	34.48	27.55	64.71	1.56	64.22	64.46	0.440
1800	2.44	34.44	27.52	67.57	1.50	64.31	64.55	0.440
1700	2.55	34.44	27.50	68.77	1.43	64.16	64,38	0.440
1600	2.67	34.42	27.47	71.36	1.36	64.22	64.43	0.440
1500	2.85	34.46	27.49	69.81	1.29	64.55	64.74	0.440
1400	3.09	34.41	27.43	75.80	1.22	64.60	64.78	0.440
1300	3.35	34.44	27.43	76.09	1.14	64.76	64.93	0.430
1200	3.66	34.39	27.37	82.24	1.06	64.65	64.80	0.440
1100	4.02	34.36	27.30	88.62	0.98	64.80	64.94	0.430
1000	4.41	34.40	27.29	89.18	0.89	. 64.73	64.86	0.430
900	4.91	34.40	27.24	94.03	0.80	64.85	64.97	0.430
800	5.46	34.38	27.16	101.85	0.70	64.79	64.89	0.430
700	6.01	34,44	27.13	104.37	0.59	64.85	64.93	0.430
600	6.70	34.40	27.01	114.98	0.48	65.03	65.10	0.430
500	7.66	34.49	26.95	120.46	0.37	64.91	64.97	0.430
490	7.79	34.51	26.94	120.86	0.35	64.87	64.93	0.430
480	7.93	34.51	26.93	122.39	0.34	64.86	64.92	0.430
470	8.08	34.53	26.92	123.33	0.33	64.86	64.92	0.430
460	8.24	34.54	26.91	124.90	0.32	64.89	64.95	0.430
450	8,39	34.53	26.87	127.75	0.30	64.92	64.97	0.430
440	8.56	34.53	26.84	130.01	0.29	64.94	65.00	0.430
430	8.76	34.54	26.82	132.15	0.27	64.96 64.92	65.02 64.97	0.430
420	8.95	34.56	26.80	133.53	0.26 0.25	64.80	64.85	0.430
410	9.14	34.59	26.79	134.57				
400	9.38	34.62	26.78	136.58 138.15	0.23	64.76	64.76	0.438
390	9.62 9.87	34.64	26.76	139.87	0.21	64.83	64.87	0.430
380		34.67	26.74	142.40	0.20	54.76	64.80	0.436
370	10.12	34.69	26.71	142.40	0.13	64.53	64.57	0.440
360	10.35	34.69	26.67	150.82	0.16	64.19	64.23	0.444
350	10.53	34.66	26.62	153.52	0.15	64.02	64.06	0.447
340	10.66	34.66	26.58	154.55	0.13	64.15	64.19	0.440
330	10.80	34.0/	20.00	1.04 1.00	0.10	04.10	04+17	01440

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
310	11.11	34.69	26.53	158.71	0.10	64.22	64.26	0.440
300	11.27	34.71	26.52	159.93	0.08	64.06	64.10	0.445
290	11.44	34.75	26.51	160.25	0.06	63.86	63.90	0.450
280	11.61	34.78	26.51	160.31	0.05	63.69	63.73	0.450
270	11.85	34.79	26.48	163.71	0.04	63.67	63.71	0.451
260	12.05	34.76	26.42	168.66	0.02	63.33	63.37	0.459
250	12.22	34.75	26.38	172.56	0.01	62.18	62.21	0.477
240	12.33	34.75	26.36	174.50	0.02	51.37	61.40	0.487
230	12.46	34.76	26.34	175.80	0.03	61.07	61.10	0.490
220	12.60	34.79	26.33	176.16	0.05	61.06	61.09	0.490
210	12.75	34.83	26.32	176.29	0.07	61.08	61.11	0.490
200	12.93	34.83	26.30	178.99	0.09	61.07	61.10	0.490
190	13.08	34.82	26.26	182.72	0.11	61.14	61.16	0.490
180	13.22	34.83	26.24	184.40	0.13	61.33	61.36	0.490
170	13.36	34.86	26.24	184.12	0.15	61.68	61.71	0.487
160	13.49	34.89	26.23	184.73	0.16	62.11	62.13	0.479
150	13.67	34.88	26.18	188.89		62.95	62.97	0.460
140	13.83	34.85	26.13	193.64	0.20	63.76	63.78	0.450
130	13.99	34.86	26.10	196.32	0.22	64.22	64.23	0.440
120	14.15	34.88	26.08	197.44	0.24	64.58	64.59	0.440
110	14.31	34.89	26.06	199.60	0.26	64.85	64.86	0.430
100	14.44	34.91	26.04	200.74	0.28	64.83	64.84	0.430
90	14.62	34.94	26.03	201.68	0.30	64.70	64.71	0.438
80	14.83	34.97	26.01	203.61	0.33	64.56	64.57	0.440
70	15.01	34.99	25.99	205.38	0.35	64.53	64.54	0.440
50	15.22	35.02	25.96	207.73	0.37	64.52	64.53	0.440
50	15.55	35.05	25.91	212.20	0.38	64.36	64.37	0.442
40	15.89	35.10	25.87	215.92	0.40	63.88	63.89	0.450
30	16.42	35.21	25.83	218.62	0.43	63.40	63.41	0.460
20	17.42	35.71	25.98	204.61	0.45	62.24	62.25	0.480
10	18.40	36.47	26.31	172.59	0.47	60.15	60.15	0.514
8	18.58	36.61	26.37	166.83	0.47	59.77	59.77	0.520

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
6261	2.01	34.50	27.59	73.52	4.72	55.55	56.44	0.520
6200	2.00	34.48	27.58	74.90	4.67	62.13	62.94	0.460
5100	1.99	34.45	27.55	76.24	4.60	62.30	63.09	0.460
6000	1.98	34.44	27.55	76.11	4.52	62.41	63.19	0.460
5900	1.96	34.44	27.55	75.47	4.45	62.46	63.22	0.460
5800	1.95	34.45	27.56	74.85	4.37	62.54	63.29	0.460
5700	1.93	34.41	27.53	76.49	4.30	62.62	63.36	0.460
5600	1.92	34.42	27.53	75.71	4.22	62.70	63.42	0.460
5500	1.91	34.41	27.53	75.28	4.14	62.76	63.47	0.460
5400	1.90	34.42	27.54	74.81	4.07	62.81	63.50	0.452
5300	1.88	34.40	27.52	75.18	3.99	62.84	63.53	0.450
5200	1.88	34.41	27.53	74.51	3.92	62.87	63.55	0.450
5100	1.86	34.41	27.54	73.57	3.95	62.88	63.55	0.450
5000	1.85	34.44	27.56	70.90	3.77	62.99	63.64	0.450
4900	1.84	34.42	27.54	72.15	3.70	63.13	63.77	0.450
4800	1.83	34.40	27.53	73.27	3.63	63.09	63.71	0.450
4700	1.82	34.40	27.52	72.91	3.55	63.12	63.73	0.450
4600	1.82	34.38	27.52	73.40	3.48	63.18	63.78	0.450
4500	1.82	34.36	27.49	74.80	3.40	63.24	63.83	0.450
4400	1.82	34.36	27.50	74.08	3.33	63.37	63.94	0.450
4300	1.82	34.40	27.53	71.57	3.26	63.40	63.96	0.450
4200	1.82	34.37	27.50	73.53	3.19	63.46	64.01	0.450
4100	1.82	34.38	27.51	72.67	3.11	63.57	64.10	0.450
4000	1.83	34.36	27.50	73.54	3.04	63.62	64.14	0.450
3900	1.83	34.36	27.50	73.12	2.97	63.33	53.84	0.450
3800	1.83	34.36	27.50	72.70	2.90	63.50	63.99	-0.450
3700	1.83	34.35	27.49	73.55	2.82	63.68	54.16	0.440
3500	1.83	34.36	27.49	72.49	2.75	63.73	64.19	0.440
3500	1.83	34.33	27.47	73.96	2.68	63.74	64.19	0.440
3400	1.82	34.34	27.48	73.35	2.60	63.75	64.19	0.440
3300	1.83	34.33	27.47	73.51	2.53	63.89	64.32	0.440
3200	1.83	34.34	27.48	72.63	2.46	63.94	64.36	0.440
3100	1.83	34.34	27.48	72.02	2.39	64.02	64.42	0.440
3000	1.83	34.33	27.47	72.72	2.31	64.04	64.43	0.440
2900	1.83	34.32	27.47	72.97	2.24	64.06	64.43	0.440
2800	1.84	34.34	27.47	71.58	2.16	64.06	64.42	0.440
2700	1.86	34.34	27.47	71.84	2.10	64.05	64.40	0.440
2500	1.90	34.32	27.46	73.19	2.03	64.09	64.42	0.440
2500	1.96	34.34	27.46	72.37	1.95	64.12	64.44	0.440
2400	2.02	34.29	27.43	75.50	1.88	64.05	64.37	0.440
2300	2.10	34.33	27.45	74.32	1.80	63.94	64.24	0.440
2200	2.16	34.33	27.44	74.77	1.72	63.94	64.22	0.440
2100	2.24	34.28	27.39	78.73	1.65	63.94	64.21	0.440
2000	2.31	34.33	27.43	75.25	1.57	64.10	64.36	0.440
1900	2.40	34.32	27.42	76.56	1.50	64.06	64.30	0.440
1800	2.49	34.30	27.39	78.74	1.42	64.23	64.47	0.440
1700	2.62	34.30	27.39	79.44	1.34	64.36	34.58	0.440
1500	2.72	34.28	27.36	81.81	1.26	64.48	64.68	0.440
1500	2.91	34.30	27.35	82.82	1.18	64.45	64.64	0.440
1400	3.14	34.28	27.32	86.00	1.09	64.26	64.44	0.440
1300	3.46	34.34	27.34	84.80	1.01	64.37	64.54	0.440
1200	3.81	34.23	27.22	95.98	0.91	64.45	54.50	0.440
1100	4.23	34.24	27.18	99.61	0.81	64.51	64.65	0.440
1000	4.73	34.26	27.15	103.75	0.72	64.53	64.65	0.440
900	4.97	34.26	27.12	105.96	0.61	64.61	64.72	0.440

DEPTH	TEMP	SAL	sig-r	SVA	DELD	%TRANS	POT TR	POT C
800	5.47	34.23	27.03	113.43	0.50	64.64	64.75	0.440
700	5.98	34.27	26.99	116.37	0.39	64.73	64.82	0.439
600	6.71	34.31	26.94	121.34	0.27	64.79	64.86	0.430
500	7.78	34.41	26.86	128.69	0.14	64.65	64.72	0.440
490	7.99	34.43	26.85	129.92	0.13	64.63	64.70	0.440
480	8.17	34.45	26.84	130.60	0.11	64.63	64.70	0.440
470	8.39	34.48	26.83	131.63	0.10	64.66	64.72	0.440
460	8.61	34.47	26.78	135.55	0.08	64.70	64.76	0.440
450	8.82	34.44	26.74	140.62	0.07	64.75	64.81	0.431
440	9.01	34.46	26.71	142.95	0.05	64.81	64.86	0.430
430	9.16	34.48	26.70	143.43	0.04	64.85	64.90	0.430
420	9.33	34.50	26.70	144.26	0.03	64.87	64.92	0.430
410	9.53	34.52	26.67	146.42	0.02	64.87	64.92	0.430
400	9.72	34.53	26.65	148.62	0.01	64.79	64.84	0.435
390	9.90	34.55	26.64	149.67	0.02	64.68	64.72	0.440
380	10.11	34.57	26.62	151.48	0.04	64.58	64.63	0.440
370	10.36	34.59	26.59	154.36	0.05	64.50	64.55	0.440
360	10.59	34.60	26.55	157.06	0.07	64.43	64.47	0.440
350	10.78	34.61	26.53	159.27	0.08	64.41	54.46 64.54	0.440
340 330	10.92	34.62	26.51	160.88	0.10	64.68	64.72	0.440
320	11.25	34.60	26.44	167.47	0.13	64.83	64.87	0.430
310	11.41	34.60	26.41	170.54	0.15	64.83	64.87	0.430
300	11.54	34.63	26.41	170.05	0.17	64.83	64.87	0.430
290	11.68	34.67	26.41	169.87	0.18	64.88	64.91	0.430
280	11.82	34.67	26.39	171.70	0.20	64.91	64.94	0.430
270	11.96	34.69	26.37	172.66	0.22	64.96	64.99	0.430
260	12.10	34.72	26.37	172.87	0.24	64.94	54.98	0.430
250	12.26	34.72	26.34	175.43	0.25	64.64	54.68	0.439
240	12.42	34.70	26.30	179.70	0.27	63.91	63.94	0.449
230	12.54	34.68	26.27	183.24	0.29	63.00	63.03	0.459
220	12.66	34.70	26.25	184.27	0.31	62.31	62.34	0.477
210	12.80	34.73	26.25	184.00	0.33	61.85	61.88	0.480
200	12.96	34.74	26.22	186.18	0.35	62.16	62.19	0.472
190	13.16	34.73	26.17	190.88	0.37	63.49	63.51	0.454
180	13.36	34.73	26.12	194.75	0.39	64.30	64.33	0.442
170	13.52	34.76	26.11	195.64	0.40	64.32	64.34	0.440
160	13.70	34.81	26.12	194.35	0.42	64.45	64.47	0.440
150	13.93	34.88	26.13	193.67	0.44	64.77	64.79	0.435
140	14.20	34.90	26.09	197.21	0.46	64.78	64.80	0.435
130	14.48	34.91	26.04	202.19	0.48	64.58	64.59	0.440
120	14.72	34.93	26.00	205.29	0.50	64.46	64.47	0.440
110	14.94	34.95	25.97	208.00	0.52	64.38	64.39	0.440
100	15.16 15.31	34.94	25.92 25.88	212.82 216.05	0.54	64.30 64.22	64.31	0.440
80	15.47	34.93	25.83	220.47	0.59	64.08	64.09	0.450
70	15.63	34.91	25.78	225.21	0.61	63.98	63.99	0.450
50	15.87	34.91	25.72	229.96	0.63	63.76	63.77	0.450
50	16.24	34.94	25.67	235.31	0.66	63.20	63.20	0.458
40	16.77	35.02	25.60	241.16	0.68	62.25	62.25	0.475
30	18.08	35.17	25.38	261.31	0.71	60.47	60.48	0.502
20	20.19	35.35	24.98	299.29	0.73	55.99	55.99	0.585
10	21.45	35.46	24.74	322.10	0.76	50.41	50.41	0.689
6	21.80	35.49	24.67	328.41	0.77	48.21	48.21	0.730

WELDC 77 STA 63A 9-JUN-77 1230 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	POT TR	POT C
10	20.31	33.21	24.86	310.94	0.03	51.67	51.67	0.661
20	19.56	35.06	24.94	303.15	0.06	48.96	48.96	0.710
30	17.90	35.04	25.35	264.63	0.09	52.93	52.94	0.642
40	16.86	35.08	25.63	237.90	0.11	59.90	59.90	0.514
50	16.31	35.12	25.79	223.21	0.14	62.08	62.09	0.480
60	16.09	35.10	25.82	220.68	0.16	61.57	61.57	0.483
70	15.88	35.11	25.88	215.15	0.18	62.38	62.39	0.475
80	15.70	35.11	25.91	212.19	0.20	63.74	63.75	0.450
90	15.61	35.16	25.98	207.01	0.22	63.73	63.74	0.450
100	15.45	35.11	25.98	207.11	0.24	63.39	63.40	0.460
110	15.33	35.10	26.00	205.30	0.26	63.11	63.12	0.460
120	15.25	35.08	26.00	205.56	0.29	62.74	62.76	0.470
130	14.97	35.05	26.04	202.11	0.31	62.63	62.64	0.470
140	14.76	35.03	26.07	199.33	0.33	62.60	62.61	0.470
150	14.50	35.02	26.12	194.99	0.34	62.83	62.85	0.468
160	14.30	35.02	26.16	191.20	0.37	63.55	63.57	0.452
170	14.10	34.96	26.15	192.07	0.39	63.47	63.49	0.458
190	13.97	35.02	26.23	185.48	0.40	63.89	63.91	0.450
200	13.95	35.02 35.02	26.24	184.76	0.42	64.04	64.06	0.450
210	13.81	34.98	26.23	186.19	0.46	64.01	64.04	0.450
220	13.62	34.96	26.25	184.17	0.48	63.95	63.98	0.450
230	13.31	34.96	26.32	177.65	0.49	64.03	64.06	0.450
240	13.18	34.94	26.33	176.83	0.51	64.32	64.35	0.440
250	13.08	34.95	26.35	174.96	0.53	63.96	63.99	0.446
260	12.99	34.93	26.37	174.08	0.54	63.39	63.42	0.454
270	12.87	34.85	26.33	177.82	0.56	62.55	62.58	0.470
280	12.66	34.92	26.42		0.58	62.19	62.23	0.473
290	12.59	34.89	26.41	170.43	0.60	62.39	62.42	0.470
300	12.45	34.87	26.43	169.24	0.62	63.00	63.04	0.462
310	12.28	34.85	26.44	168.64	0.63	63.04	63.08	0.463
320	12.04	34.84	26.48	164.14	0.65	64.78	64.82	0.434
330	11.80	. 34.82	26.50	162.44	0.67	64.78	64.82	0.436
340	11.59	34.73	26.48	164.39	0.68	63.94	63.98	0.450
350	11.26	34.72	26.54	159.41	0.70	64.44	64.48	0.440
360	10.97	34.77	26.62	151.26	0.72	64.24	64.28	0.440
370	10.76	34.77	26.65	148.10	0.73	64.00	64.05	0.450
380	10.47	34.65	26.62	151.54	0.74	63.72	63.77	0.450
390	10.19	34.71	26.71	143.27	0.76	64.41	64.46	0.440
400	9.78	34.68	26.72	142.09	0.77	64.58	64.63	0.440
420	9.54	34.69	26.81	134.00	0.80	64.70	64.76	0.440
430	9.28	34.65	26.82	132.69	0.82	64.65	64.70	0.440
440	9.07	34.70	26.89	126.14	0.83	64.64	64.70	0.440
450	8.95	34.64	26.87	128.60	0.84	64.83	64.88	0.430
460	8.77	34.67	26.92	123.92	0.85	64.75	54.81	0.430
470	8.52	34.57	26.88	127.04	0.86	64.70	64.75	0.440
480	8.40	34.65	26.96	120.11	0.88	64.77	64.83	0.430
490	8.27	34.62	26.95	120.23	0.89	64.79	64.85	0.430
500	8.13	34.68	27.02	114.28	0.90	64.81	64.87	0.430
600	7.02	34.55	27.09	108.26	1.01	65.00	65.07	0.430
700	6.17	34.57	27.21	96.34	1.11	65.02	65.11	0.430
800	5.56	34.54	27.26	91.85	1.21	65.00	65.11	0.430
900	4.93	34.56	27.35	83.70	1.29	64.98	65.09	0.430
1000	4.59	34.54	27.38	81.52	1.38	64.67	64.80	0.430

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1100	4.25	34.58	27.45	75.13	1.45	64.76	64.90	0.430
1200	3.86	34.59	27.49	70.65	1.52	64.83	64.98	0.430
1300	3.56	34.65	27.57	62.99	1.59	64.63	64.79	0.440
1400	3.27	34.65	27.60	60.51	1.65	64.68	64.86	0.430
1500	3.01	34.63	27.62	59.15	1.71	64.65	64.84	0.430
1600	2.83	34.66	27.65	55.49	1.77	64.57	64.77	0.440
1700	2.68	34.66	27.67	54.18	1.82	64.82	65.04	0.430
1800	2.51	34.68	27.70	51.50	1.87	64.83	65.06	0.430
1900	2.40	34.69	27.71	49.96	1.93	64.69	64.94	0.430
2000	2.29	34.69	27.72	48.64	1.97	64.52	64.78	0.440
2100	2.21	34.70	27.74	47.25	2.02	64.62	64.89	0.430
2200	2.14	34.68	27.73	48.08	2.07	64.85	65.13	0.430
2300	2.08	34.70	27.75	46.89	2.12	64.60	64.90	0.430
2400	1.99	34.72	27.77	44.51	2.16	63.71	64.03	0.450
2500	1.90	34.73	27.78	43.51	2.21	63.86	64.18	0.440
2600	1.84	34.73	27.79	42.25	2.25	64.38	64.71	0.440
2700	1.80	34.74	27.80	42.02	2.29	64.70	65.04	0.430
2800	1.76	34.74	27.80	41.85	2.33	64.72	65.08	0.430
2900	1.75	34.75	27.82	40.94	2.37	64.89	65.25	0.430
3000	1.74	34.73	27.80	42.49	2.41	64.85	65.23	0.430
3100	1.75	34.73	27.80	42.89	2.46	64.83	65.22	0.430
3200	1.75	34.76	27.82	41.73	2.50	64.78	65.19	0.430
3300	1.75	34.73	27.80	44.03	2.55	64.75	65.17	0.430
3400	1.75	34.74	27.81	43.94	2.59	64.69	65.13	0.430
3500	1.76	34.75	27.81	43.66	2.63	64.73	65.17	0.430
3600	1.76	34.73	27.80	45.04	2.68	64.56	65.01	0.430
3700	1.76	34.74	27.80	45.10	2.72	64.45	64.92	0.430
3800	1.76	34.71	27.78	47.51	2.77	64.28		0.440
3900	1.77	34.73	27.79	46.18	2.81	64.17	64.67	0.440
4000	1.76	34.75	27.81	45.13	2.86	63.90	64.41	0.440
4100	1.75	34.73	27.80	46.70	2.91	63.77	64.29	0.440
4200	1.75	34.73	27.79	46.80	2.95	63.82	64.36	0.440
4300	1.75	34.75	27.82	45.70	3.00	63.87	64.42	0.440
4400	1.75	34.62	27.71	54.97	3.05	64.02	64.58	0.440
4500	1.75	34.57	27.67	58.71	3.10	63.95	64.53	0.440
4600	1.75	34.73	27.80	47.77	3.15		64.47	0.440
4700 4800	1.75	34.72	27.79	50.25	3.20 3.25	63.78	64.40	0.440
4900	1.77	34.79	27.84	45.30	3.30	63.78	64.41	0.440
5000	1.78	34.76	27.83	47.46	3.34	63.72		0.440
5100	1.79	34.71	27.78	51.79	3.39	63.64	64.29	0.440
5200	1.80	34.71	27.78	52.17	3.44	63.34	64.01	0.450
5300	1.81	34.70	27.76	53.70	3.50	63.42	64.10	0.450
5400	1.82	34.70	27.77	53.95	3.56	63.37	64.06	0.450
5500	1.84	34.70	27.76	54.84	3.61	63.37	64.08	0.450
5600	1.85	34.69	27.76	55.85	3.66	63.37	64.08	0.450
5700	1.86	34.69	27.75	56.91	3.71	63.15	63.88	0.450
5800	1.87	34.70	27.76	55.92	3.77	63.05	63.79	0.450
5900	1.89	34.79	27.83	51.03	3.83	62.96	63.72	0.450
6000	1.90	34.68	27.75	58.51	3.88	62.89	63.66	0.450
6100	1.92	34.66	27.73	60.59	3.94	62.85	63.63	0.450
6200	1.93	34.66	27.73	60.90	4.00	62.78	63.58	0.450
6270	1.94	34.67	27.73	60.81	4.05	62.64	63.45	0.460

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	24.62	35.38	23.76	414.87	0.04	58.33	58.33	0.540
20	24.63	35.37	23.76	416.03	0.08	58.26	58.26	0.540
30	24.63	35.38	23.77	415.78	0.13	58.25	58.25	0.540
40	24.27	35.03	23.61	431.52	0.17	58.49	58.50	0.536
50	20.27	34.86	24.60	337.22	0.21	60.24	60.24	0.512
60	17.71	35.03	25.39	261.94	0.23	62.15	62.16	0.477
70	16.53	34.98	25.63	239.60		62.85	62.86	0.462
80	15.19	34.97	25.92	211.88		63.71	63.72	0.450
90	14.42	34.94	26.06	197.81		64.29	64.30	0.440
100	13.98	34.95	26.19	186.32	0.32	64.68	64.69	0.440
110	13.63	34.94	26.24	182.29	0.34	64.73	64.74	0.440
120	13.51	34.95	26.27	179.88		64.67	64.68	0.440
130	13.43	34.95	26.28	178.59		64.61	64.63	0.440
140	13.40	34.95	26.29	178.08	0.40	64.72	64.73	0.440
150	13.33	34.95	26.30	177.27	0.41	64.76	64.77	0.436
160	13.25	34.96	26.33	174.84		64.86	64.88	0.430
170	13.17	34.93	26.32	175.94		64.86	64.88	0.430
180	13.04	34.92	26.34	174.54		64.89	64.91	0.430
190	12.94	34.92	26.36	172.81	0.48	64.82	64.85	0.430
200	12.87	34.91	26.37	171.61		64.91 65.02	64.93	0.430
210 220	12.75	34.92 34.91	26.40	167.99	0.53	65.03	65.06	0.430
230	12.63	34.91	26.44	166.01	0.55	65.01	65.04	0.430
240	12.43	34.90	26.45	165.48	0.56	64.96	54.99	0.430
250	12.33	34.88	26.45	165.21	0.58	64.99	65.02	0.430
260	12.20	34.87	26.48	163.22	0.60	64.94	64.97	0.430
270	12.04	34.89	26.51	160.10	0.51	64.89	64.93	0.430
280	11.90	34.88	26.53	158.41	0.63	54.94	64.98	0.430
290	11.78	34.84	26.52	159.26	0.65	64.99	65.02	0.430
300	11.56	34.83	26.56	156.10	0.67	65.01	65.04	0.430
310	11.34	34.82	26.59	152.99	0.68	64.97	65.01	0.430
320	11.21	34.79	26.60	152.84	0.69	65.03	65.07	0.430
330	11.04	34.77	26.61	152.05	0.71	65.01	65.05	0.430
340	10.85	34.76	26.63	149.31	0.72	64.99	65.03	0.430
350	10.70	34.71	26.62	150.66	0.74	64.91	64.95	0.430
360	10.49	34.69	26.65	148.31	0.75	64.56	64.60	0.440
370	10.19	34.68	26.69	144.16	0.77	64.07	64.11	0.449
380	9.95	34.68	26.73	140.80	0.79	63.67	63.72	0.450
390 400	9.62	34.64	26.70	133.89	0.81	63.87	63.92	0.450
410	9.16	34.64	26.83	131.14	0.82	64.24	64.29	0.440
420	8.96	34.62	26.85	129.80	0.83	54.25	64.31	0.440
430	8.82	34.65	26.90	125.01	0.85	64.42	64.47	0.440
440	8.69	34.65	26.92	123.17	0.86	64.76	64.81	0.433
450	8.58	34.64	26.92	122.65	0.87	64.77	64.82	0.430
460	8.49	34.63	26.94	121.89	0.88	64.84	64.90	0.430
470	8.40	34.62	26.93	122.25	0.90	64.80	64.86	0.430
480	8.28	34.62	26.96	119.86	0.91	64.90	64.96	0.430
490	8.21	34.64	26.98	117.66	0.92	64.93	64.99	0.430
500	8.16	34.65	26.99	116.34	0.93	64.94	65.00	0.430
600	7.28	34.60	27.08	108.68	1.04	65.06 65.15	65.14	0.430
700	6.49	34.55	27.16	102.69	1.15	65.16	65.26	0.430
900	5.59 4.97	34.55 34.56	27.27 27.35	91.33 83.85	1.33	65.15	35.27	0.430
1000	4.59	34.58	27.41	78.36	1.41	65.12	65.25	0.430
1100	4.18	34.57	27.45	74.89	1.49	65.11	65.25	0.430
1200	3.88	34.59	27.49	70.72	1.56	65.18	65.33	0.430

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1300	3.58	34.66	27.58	62.98	1.63	65.11	65.28	0.430
1400	3.31	34.62	27.58	62.65	1.69	65.13	65.31	0.430
1500	3.05	34.63	27.61	59.50	1.75	65.14	65.33	0.430
1600	2.79	34.66	27.65	55.47	1.81	65.22	65.43	0.422
1700	2.60	34.65	27.66	54.30	1.87	65.28	65.49	0.420
1800	2.48	34.67	27.69	51.90	1.92	65.25	65.47	0.420
1900	2.37	34.72	27.74	48.71	1.96	65.23	65.47	0.420
2000	2.29	34.70	27.73	48.21	2.01	65.20	65.45	0.427
2100	2.22	34.69	27.73	48.43	2.06	65.22	65.48	0.420
2200	2.15	34.70	27.74	47.22	2.11	65.18	65.46	0.420
2300	2.10	34.69	27.74	47.33	2.15	65.08	65.38	0.430
2400	2.00	34.76	27.81	41.76	2.20	65.04	65.35	0.430
2500	1.93	34.71	27.77	44.82	2.24	64.88	65.19	0.430
2600	1.88	34.72	27.78	44.00	2.29	64.93	65.26	0.430
2700	1.83	34.71	27.77	44.68	2.33	65.00	65.35	0.430
2800	1.80	34.74	27.80	41.89	2.37	65.06	65.41	0.430
2900	1.77	34.75	27.81	41.39	2.41	65.06	65.43	0.430
3000	1.76	34.74	27.81	42.35	2.46	65.04	65.42	0.430
3100	1.75	34.73	27.80	43.78	2.49	65.07	65.46	0.420
3200	1.75	34.72	27.79	44.56	2.54	64.97	65.38	0.430
3300	1.75	34.73	27.80	43.80	2.58	64.93	65.35	0.430
3400	1.76	34.71	27.78	45.68	2.62	64.87	45.30	0.430
3500	1.77	34.72	27.79	45.17	2.67	64.72	65.17	0.430?
7554	1.76	74 77	07.00	AF 10	2 (0	14 54	/A 00	A 47A
3554	0.00	34.73	27.80	45.12	2.69	64.54	64.99	0.430

70 (42 75 (42) 45 (47) 75 (47) ...

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	24.32	35.35	23.84	408.03	0.05	58.13	58.13	0.540
20	23.79	35.22	23.90	403.43	0.09	57.45	57.45	0.555
30	22.81	35.04	24.03	389.83	0.13	57.34	57.35	0.556
40	20.12	35.15	24.86	311.87	0.16	59.31	59.31	0.522
50	18.89	35.14	25.18	282.21	0.19	60.26	60.26	0.510
	17.39	34.75	25.25	275.40	0.21	61.04	61.05	0.492
60					0.24			
70	15.66	34.97	25.82	221.39		62.97	62.97	0.462
80	15.10	35.03	26.00	204.50	0.26	63.70	63.71	0.450
90	14.50	34.99	26.09	195.51	0.28	64.62	64.64	0.440
100	14.31	35.04	26.17	188.31	0.30	64.95	64.97	0.430
110	14.08	34.98	26.17	188.09		64.99	65.00	0.430
120	13.94	34.98	26.20	185.88	0.34	65.07	65.08	0.430
130	13.84	34.99	26.23	183.93	0.36	65.08	65.10	0.430
140	13.81	35.01	26.25	181.75	0.37	65.08	65.09	0.430
150	13.78	35.01	26.26	181.61	0.39	65.04	65.06	0.430
160	13.70	34.98	26.26	181.77	0.41	65.09	65.10	0.430
170	13.57	34.97	26.27	180.52	0.43	65.15	65.17	0.430
180	13.50	34.96	26.28	180.12	0.44	65.13	65.15	0.430
190	13.37	34.93	26.29	179.66	0.46	65.17	65.19	0.430
200	13.25	34.94	26.31	177.29	0.48	65.15	65.18	0.430
210	13.14	34.95	26.35	174.29	0.50	65.23	65.26	0.430
220	13.06	34.95	26.36	173.41	0.51	65.18	65.21	0.430
230	12.97	34.92	26.35	174.22	0.53	65.23	65.26	0.430
240	12.84	34.94	26.39	170.86	0.55	65.32	65.35	0.430
250	12.73	34.93	26.41	169.93	0.57	65.29	65.32	0.430
260	12.65	34.92	26.42	168.76	0.58	65.24	65.27	0.430
270	12.59	34.92	26.43	168.27	0.60	65.30	65.33	0.430
280	12.42	34.88	26.44	167.78	0.61	65.38	65.41	0.430
					0.63	65.39	65.42	0.423
290	12.29	34.89	26.47	165.08			65.36	
300	12.18	34.88	26.48	163.95	0.65	65.32		0.430
310	11.99	34.89	26.53	159.78	0.66	65.28	65.31	0.430
320	11.74	34.79	26.50	162.49	0.68	65.20	65.24	0.430
330	11.39	34.82	26.59	154.78	0.70	65.23	65.27	0.430
340	11.07	34.83	26.65	147.93	0.71	65.26	65.31	0.430
350	10.91	34.80	26.66	148.17	0.73	65.08	65.12	0.430
360	10.59	34.78	26.71	142.81	0.74	64.44	64.49	0.440
370	10.08	34.68	26.71	142.43	0.76	64.19	64.24	0.440
380	9.72	34.71	26.80	134.07	0.77	64.30	64.35	0.440
390	9.46	34.74	26.86	128.41	0.78	64.80	64.85	0.430
400	9.41	34.74	26.87	127.44	0.80	64.91	64.96	0.430
410	9.35	34.67	26.83	131.59	0.81	65.14	65.19	0.430
420	9.23	34.71	26.88	127.19	0.82	35.21	65.27	0.430
430	9.15	34.67	26.86	129.19	0.83	65.25	65.30	0.430
440	9.03	34.68	26.88	127.08	0.85	65.22	65.27	0.430
450	8.95	34.66	26.88	127.11	0.86	65.21	65.27	0.430
460	8.83	34.66	26.90	125.94	0.87	65.21	65.26	0.430
470	8.75	34.67	26.92	124.14	0.89	65.20	65.26	0.430
480	8.68	34.65	26.91	124.01	0.90	65.21	65.27	0.430
490	8.56	34.63	26.92	124.13	0.91	65.24	65.30	0.430
500	8.43	34.63	26.94	121.96	0.92	65.27	65.34	0.430
600	7.44	34.64	27.09	107.94	1.04	65.34	65.41	0.430
700	6.62	34.59	27.17	100.81	1.14	65.40	65.49	0.420
800	5.85	34.58	27.26	92.54	1.24	65.40	65.50	0.420
900	5.22	34.65	27.40	79.89	1.33	65.33	65.45	0.420
1000	4.63	34.59	27.41	78.07	1.41	65.38	35.50	0.420
1100	4.26	34.58	27.45	75.34	1.49	65.40	65.54	0.420
1200	3.95	34.58	27.48	71.85	1.56	65.36	65.51	0.420
1200	3.73	34.00	27 + 40	11.00	7.00	00.00	and the r	A + 450

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	POT TR	POT C
1300	3.70	34.61	27.53	67.68	1.63	65.36	65.52	0.420
1400	3.31	34.61	27.57	63.41	1.69	65.33	65.50	0.420
1500	3.05	34.64	27.62	58.88	1.75	65.31	65.50	0.420
1600	2.86	34.66	27.65	55.76	1.81	65.23	65.44	0.426
1700	2.67	34.67	27.68	53.36	1.86	65.26	65.48	0.420
1800	2.48	34.73	27.74	46.99	1.91	65.34	65.57	0.420
1900	2.38	34.71	27.74	48.00	1.96	65.39	65.63	0.420
2000	2.27	34.68	27.71	49.47	2.01	65.39	65.65	0.420
2100	2.19	34.72	27.75	46.23	2.06	65.38	65.65	0.420
2200	2.13	34.74	27.77	44.63	2.10	65.27	65.55	0.420
. 2300	2.06	34.71	27.75	46.33	2.15	65.30	65.59	0.420
2400	1.99	34.69	27.75	46.21	2.19	65.26	65.56	0.420
2500	1.92	34.72	27.78	44.06	2.24	65.19	65.51	0.420
2600	1.87	34.72	27.78	43.73	2.28	55.14	65.47	0.420
2700	1.84	34.72	27.78	43.74	2.33	65.10	65.44	0.420
2800	1.81	34.73	27.79	42.90	2.37	65.09	65.44	0.420
2900	1.77	34.73	27.79	42.89	2.41	65.18	65.55	0.420
3000	1.75	34.71	27.78	44.55	2.46	65.20	65.58	0.420
3100	1.75	34.71	27.78	44.41	2.50	65.20	65.59	0.420
3200	1.75	34.71	27.78	44.67	2.55	65.14	65.54	0.420
3300	1.76	34.72	27.79	44.98	2.59	65.06	65.48	0.420
3400	1.77	34.71	27.78	46.02	2.64	64.92	65.35	0.430
3500	1.78	34.73	27.80	45.00	2.68	64.61	65.05	0.430
3494	1.78	34.73	27.80	44.77	2.68	64.57	65.01	0.430

.

WELDC 77 STA 71 13-JUN-77 2000 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	23.80	35.04	23.76	416.08	0.04	57.88	57.88	0.550
20	22.04	34.86	24.12	381.38	0.08	57.80	57.80	0.550
30	19.44	34.82	24.79	318.29	0.12	59.24	59.25	0.528
40	17.46	35.01	25.43	257.35	0.14	62.07	62.07	0.476
50	16.44	34.91	25.60	242.03	0.17	63.12	63.13	0.460
60	15.49	35.05	25.92	211.21	0.19	64.02	64.03	0.447
70	15.03	35.06	26.03	201.00	0.21	64.42	64.43	0.440
80	14.86	35.06	26.07	197.62	0.23	64.72	64.73	0.440
90	14.70	35.04	26.09	196.21	0.25	64.85	64.86	0.430
100	14.40	35.02	26.14	191.84	0.27	64.93	64.94	0.430
110	14.27	35.04	26.18	188.14	0.29	64.92	64.94	0.430
120	14.24	34.99	26.15	190.83	0.31	64.96	64.97	0.430
130	14.15	35.00	26.18	188.92	0.33	64.94	64.96	0.430
140	13.97	34.94	26.18	189.40	0.35	64.97	64.99	0.430
150	13.89	34.99	26.23	184.66	0.37	65.10	65.12	0.430
160	13.83	34.95	26.21	186.65	0.38	65.15	65.17	0.430
170	13.76	34.98	26.24	183.38	0.40		65.16	0.430
180	13.71		26.27	181.23	0.42	65.10	65.12	0.430
190	13.61	34.93	26.23	184.84	0.44	65.07	65.10	0.430
200	13.49	34.93	26.26	182.77	0.46		65.09	0.430
210	13.29	34.95	26.31	177.79	0.47	65.08	65.10	0.430
220	13.24	34.96	26.34	175.78	0.49	65.15	65.17	0.430
230	13.17	34.91	26.31	178.40	0.51	65.07	65.09	0.430
240	13.04	34.92	26.34	175.99	0.53 0.55	65.19	65.22	0.430
250	12.76	34.90	26.36	174.42	0.56		65.22 65.18	0.430
260	12.75	34.92 34.89	26.39	171.12	0.58	65.14	65.22	0.430
270 280	12.46	34.88	26.43	168.36	0.60	65.31	65.34	0.430
290	12.33	34.88	26.46	166.19	0.61	65.28	65.32	0.430
300	12.24	34.89	26.47	164.60	0.63	65.30	65.33	0.430
310	12.12	34.89	26.50	162.52	0.64	65.26	65.30	0.430
320	12.03	34.95	26.49	163.69	0.66	65.19	65.23	0.430
330	11.83	34.86	26.53	159.84	0.68	65.19	65.23	0.430
340	11.44	34.80	26.56	157.14	0.69	64.82	64.86	0.430
350	11.00	34.73	26.58	154.59	0.71	64.51	64.55	0.440
360	10.71	34.75	26.66	147.87	0.72	64.39	64.43	0.440
370	10.30	34.66	26.65	147.56	0.74	64.45	64.50	0.440
380	9.86	34.67	26.73	140.06	0.75	64.19	64.23	0.440
390	9.45	34.71	26.84	130.34	0.77	64.31	64.36	0.440
400	9.36	34.71	26.86	128.50	0.78	64.39	64.45	0.440
410	9.22	34.71	26.88	126.47	0.79	64.73	64.78	0.440
420	9.10	34.69	26.87	127.31	0.81	64.82	64.88	0.430
430	8.86	34.66	26.90	124.70	0.82	65.07	65.12	0.430
440	8.71	34.67	26.93	122.31	0.83	65.11	65.16	0.430
450	3,60	34.67	26.94	120.49	0.84	65.12	65.17	0.430
460	8.52	34.67	26.95	120.10	0.85	65.12	65.18	0.430
470	8.40	34.67	26.97	118.22	0.86	65.14	65.20	0.430
480	8.33	34.66	26.98	117.97	0.88	65.17	65.23	0.430
490	8.27	34.66	26.99	117.41	0.89	65.20	65.26 45.23	0.430
500	8.20	34.65	26.99	116.75	0.90	65.21 65.26	65.27 65.34	0.430
500 700	7.36	34.63	27.10 27.15	107.67	1.01	55.16	65.25	0.430
800	5.85	34.56	27.24	94.37	1.22	65.16	65.26	0.430
900	5.22	34.59	27.35	85.13	1.31	65.25	65.37	0.430
1000	4.72	34.60	27.41	78.35	1.39	65.29	65.42	0.428
1000				, ,			- W T T No.	

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	POT TR	POT C
1100	4.33	34.59	27.44	76.10	1.47	65.27	65.41	0.430
1200	3.96	34.61	27.50	70.72	1.54	65.26	65.41	0.430
1300	3.69	34.62	27.54	66.89	1.61	65.04	65.21	0.430
1400	3.39	34.63	27.58	62.95	1.67	65.22	65.40	0.430
1500	3.13	34.65	27.62	59.56	1.74	65.24	65.43	0.430
1500	2.89	34.65	27.64	57.29	1.80	65.26	65.46	0.420
1700	2.73	34.66	27.66	55.27	1.85	65.21	65.43	0.427
1800	2.54	34.64	27.66	54.34	1.90	65.21	65.43	0.428
1900	2.37	34.70	27.73	48.46	1.96	65.25	65.49	0.420
2000	2.24	34.69	27.73	48.60	2.00	65.28	65.54	0.420
2100	2.16	34.72	27.76	45.72	2.05	65.30	65.57	0.420
2200	2.10	34.69	27.74	47.18	2.10	65.24	65.52	0.420
2300	2.02	34.70	27.76	45.74	2.14	65.20	65.49	0.420
2400	1.94	34.71	27.77	44.48	2.19	65.19	65.49	0.420
2500	1.88	34.74	27.79	42.64	2.23	65.00	65.31	0.430
2600	1.84	34.72	27.79	43.36	2.27	64.93	65.26	0.430
2700	1.81	34.70	27.77	44.68	2.32	64.91	65.25	0.430
2800	1.78	34.70	27.77	45.17	2.36	64.78	65.14	0.430
2900	1.78	34.73	27.79	43.06	2.40	64.63	65.00	0.430
3000	1.77	34.73	27.80	43.34	2.45	64.53	64.91	0.430
3100	1.76	34.70	27.78	45.56	2.50	63.82	64.22	0.440
3200	1.77	34.72	27.80	44.27	2.54	63.52	63.94	0.450
3300	1.78	34.72	27.78	45.06	2.58	63.70	64.13	0.450
3372	1.78	34.72	27.79	44.89	2.62	63.00	63.44	0.460

28.80 TO 750 EL VEI EL

-

.

.

.

WELOC 77 STA 72 13-JUN-77 2340 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	22.51	35.32	24.34	360.41	0.04	56.11	56.11	0.580
20	21.96	35.18	24.39	355.90	0.07	57.38	57.38	0.560
30	19.86	34.70	24.58	337.83	0.11	59.47	59.47	0.522
40	17.89	35.16	25.45	256.18	0.13	61.51	61.52	0.486
50	16.97	35.12	25.63	238.85	0.16	62.65	62.66	0.470
60	16.18	35.06	25.78	225.27	0.19	63.36	63.37	0.460
70	15.85	35.14	25.91	212.86	0.21	63.68	63.69	0.450
80	15.64	35.09	25.92	212.01	0.23	64.06	64.07	0.443
90	15.34	35.19	26.06	199.24	0.25	64.70	64.71	0.440
100	15.25	35.09	26.01	203.80	0.27	64.87	64.88	0.430
110	15.06	35.06	26.03	202.69	0.29	65.00	65.02	0.430
120	14.92	35.10	26.09	197.34	0.31	64.98	64.99	0.430
130	14.89	35.11	26.10	196.69	0.33	65.03	65.05	0.430
140	14.87	35.08	26.08	198.27	0.35	65.00	65.02	0.430
150	14.77	35.07	26.10	196.95	0.36	65.01	65.03	0.430
160	14.66		26.09	197.76	0.38	65.01	65.03	0.430
170	14.36	34.98	26.11	195.89	0.40	65.03	65.05	0.430
180	14.14	35.00	26.17	190.06	0.42	65.02	65.05	0.430
	14.03		26.20	187.48	0.44	65.12	65.15	0.430
200	14.01	35.03	26.23	185.72	0.46	65.17	65.19	0.430
210	13.96	34.97	26.19	189.49	0.48	65.16	65.18	0.430
220	13.83	34.98	26.23	186.35	0.50	65.21	65.24	0.430
230	13.69	34.93	26.22	187.90	0.52	65.14	65.17	0.430
240	13.46	34.89	26.23	186.73	0.54	65.13	65.16	0.430
250	13.24	34.91	26.29	180.63	0.56	65.15	65.19	0.430
260	13.07	34.92	26.34	177.05	0.57	65.18	65.21	0.430
270	12.98	34.91	26.34	176.10	0.59	65.18	65.21	0.430
280	12.85	34.93	26.39	172.40	0.61	65.34	65.37	0.430
290	12.74	34.89	26.39	172.56	0.63	65.35	65.38	0.430
300	12.57	34.90	26.42	170.03	0.64	64.94	64.98	0.430
310	12.45	34.86	26.40	171.03	0.66	64.74	64.78	0.433
320	12.30	34.86	26.44	168.44	0.68	65.03	65.07	0.430
330	12.13	34.80	26.43	169.39	0.70	64.98	65.02	0.430
340	11.91	34.84	26.51	162.61	0.71	64.88	64.93	0.430
350	11.81	34.82	26.50	162.39	0.73	64.83	64.87	0.430
360	11.57	34.69	26.45	168.02	0.74	64.55	64.60	0.440
370	11.17	34.69	26.52	160.99		64.41	64.45	0.440
380	10.77	34.70	26.61	152.96	0.78	64.23	64.28	0.440
390 400	10.15	34.66	26.62	151.80	0.79	63.72	63.77	0.450
410	9.88	34.68	26.74	140.04	0.82	63.75	63.80	0.450
420	9.65	34.68	26.79	136.15	0.83	63.73	63.91	0.450
430	9.47	34.65	26.79	136.03	0.85	64.06	64.12	0.446
440	9.21	34.62	26.81	133.73	0.86	64.30	64.36	0.440
450	9.01	34.62	26.84	130.34	0.87	64.53	64.59	0.440
460	8.78	34.67	26.92	123.68	0.89	64.79	64.85	0.430
470	8.65	34.66	26.93	122.34	0.90	64.87	64.93	0.430
480	8.53	34.65	26.94	121.82	0.91	64.93	64.99	0.430
490	8.40	34.63	26.95	121.15	0.92	65.00	65.06	0.430
500	8.33	34.68	26.99	116.90	0.93	65.03	65.09	0.430
600	7.37	34.60	27.07	110.51	1.05	65.23	65.30	0.430
700	6.53	34.59	27.18	99.53	1.15	65.30	65.39	0.430
800	5.75	34.53	27.23	94.94	1.25	65.31	65.41	0.430
900	5.31	34.56	27.31	88.35	1.34	65.25	65.36	0.430
1000	4.85	34.56	27.36	83.33	1.42	65.25	65.37	0.430

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1100	4.36	34.59	27.44	75.67	1.50	65.27	65.41	0.430
1200	3.98	34.60	27.50	70.84	1.57	65.21	65.36	0.430
1300	3.67	34.64	27.55	65.19	1.64	64.28	64.45	0.444
1400	3.31	34.63	27.59	61.86	1.70	64.88	65.06	0.430
1500	3.04	34.65	27.63	57.88	1.76	64.83	65.02	0.430
1600	2.79	34.66	27.65	55.00	1.82	64.88	65.08	0.430
1700	2.62	34.67	27.68	52.25	1.87	65.06	65.28	0.430
1800	2.47	34.69	27.71	50.41	1.93	65.15	65.38	0.430
1900	2.37	34.68	27.71	50.02	1.98	65.20	65.44	0.423
2000	2.28	34.70	27.73	48.30	2.02	65.26	65.51	0.420
2100	2.19	34.70	27.74	47.45	2.07	65.24	65.51	0.420
2200	2.09	34.69	27.74	47.39	2.12	65.30	45.58	0.420
2300	1.99	34.71	27.76	45.02	2.17	65.09	65.38	0.430
2400	1.96	34.70	27.76	45.42	2.21	64.94	65.24	0.430
2500	1.90	34.74	27.79	42.54	2.25	64.95	65.26	0.430
2600	1.87	34.72	27.78	43.98	2.30	64.73	65.06	0.430
2700	1.79	34.71	27.78	44.39	2.34	64.54	64.89	0.430
2800	1.73	34.71	27.78	43.36	2.38	64.18	64.54	0.440
2900	1.74	34.71	27.79	43.49	2.43	64.06	64.43	0.440
3000	1.75	34.71	27.78	43.80	2.47	64.00	64.39	0.440
3100	1.75	34.72	27.79	43.90	2.51	63.62	64.02	0.450
3187	1.75	34.73	27.80	43.73	2.55	62.84	63.26	0.460

WELOC 77 STA 73 14-JUN-77 0330 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	20.50	35.15	24.75	320.26	0.03	43.15	43.15	0.846
20	20.12	35.15	24.87	310.48	0.07	49.08	49.08	0.715
30	18.64	35.16	25.25	273.63	0.09	59.47	59.47	0.521
40	17.60	35.17	25.52	248.93	0.12	61.98	61.99	0.480
50	16.30	35.06	25.74	227.53	0.14	62.84	62.84	0.470
60	15.85	35.13	25.90	212.58	0.17	63.47	63.48	0.452
70	15.82	35.17	25.93	210.01	0.19	63.90	63.91	0.450
80	15.63	35.13	25.96	208.53	0.21	64.41	64.42	0.440
90	15.59	35.15	25.97	207.17	0.23	64.61	64.62	0.440
100	15.48	35.16	26.01	204.59	0.25	64.71	64.72	0.440
110	15.34	35.12	26.01	204.16	0.27	64.79	64.80	0.440
120	15.31	35.24	26.10	195.49	0.29	64.85	64.86	0.430
130	15.29	35.25	26.12	194.04	0.31	64.88	64.90	0.430
140	15.15	35.10	26.04	202.48 197.57	0.33	64.88	64.90	0.430
150 160	14.78	35.07 35.06	26.10	196.77	0.37	64.96	64.98	0.430
170	14.68	35.04	26.10	197.76	0.39	64.80	64.82	0.438
180	14.62	35.05	26.11	196.54	0.41	64.65	64.68	0.440
190	14.52	35.05	26.13	194.90	0.43	64.54	64.56	0.440
200	14.31	35.03	26.16	192.32	0.44	64.56	64.58	0.440
210	14.11	35.03	26.21	187.60	0.46	64.60	64.62	0.440
220	14.01	35.01	26.22	187.51	0.48	64.62	64.65	0.440
230	13.83	35.00	26.24	185.15	0.50	64.65	64.68	0.440
240	13.69	34.99	26.26	183.64	0.52	54.69	64.72	0.440
250	13.54	34.97	26.28	182.00	0.54	64.65	64.68	0.440
260	13.37	34.97	26.31	179.49	0.56	64.66	64.69	0.440
270	13.27	34.95	26.33	178.67	0.57	64.58	64.61	0.440
280	13.19	34.95	26.34	177.52	0.59	64.58	64.62	0.440
290	13.09	34.94	26.35	176.26	0.61	64.53	64.56	0.440
300 310	12.93	34.93	26.40	174.54 172.57	0.63	64.77 65.05	64.81	0.432
320	12.74	34.88	26.44	167.77	0.66	64.46	64.50	0.440
330	11.89	34.84	26.50	162.14	0.68	64.10	64.14	0.449
340	11.72	34.89	26.57	155.69	0.69	64.28	64.32	0.440
350	11.67	34.84	26.55	158.24	0.71	64.31	64.36	0.440
360	11.22	34.60	26.44	168.43	0.72	64.61	64.65	0.440
370	10.60	34.72	26.65	148.59	0.74	64.40	64.45	0.440
380	10.42	34.73	26.69	144.71	0.76	64.23	64.28	0.440
390	10.17	34.63	26.66	148.01	0.77	64.08	64.13	0.443
400	9.81	34.66	26.74	139.80	0.79	64.06	64.11	0.450
410	9.57	34.70	26.80	133.99	0.80	64.15	64.20	0.440
420	9.44	34.68	26.82	132.62	0.81	64.30	64.35	0.440
430	9.26	34.63	26.81	133.77	0.83	64.37	64.42	0.440
440 450	9.03 8.86	34.66	26.87	127.54	0.84	64.10	64.40	0.440
460	8.60	34.57	26.87	128.54	0.87	64.73	64.79	0.440
470	8.37	34.64	26.96	119.68	0.88	64.53	64.59	0.440
480	8.27	34.66	26.99	117.11	0.89	64.86	64.92	0.430
490	8.18	34.67	27.01	114.74	0.90	64.89	64.95	0.430
500	8.15	34.66	27.00	115.75	0.91	65.04	65.11	0.430
500	7.22	34.58	27.07	109.66	1.02	65.26	65.33	0.430
700	6.35	34.56	27.18	99.13	1.13	65.21	65.30	0.430
800	5.57	34.58	27.29	89.02	1.22	65.25	65.35	0.430
900	5.03	34.60	27.38	81.77	1.31	65.27	65.38	0.430
1000	4.57	34.60	27.43	76.71	1.39	65.28	65.40	0.430

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1100	4.34	34.59	27.45	75.47	1.46	65.04	65.18	0.430
1200	4.02	34.55	27.45	75.25	1.54	65.17	65.32	0.430
1300	3.78	34.62	27.53	67.99	1.60	65.22	65.38	0.430
1400	3.43	34.64	27.59	62.61	1.67	65.08	65.26	0.430
1500	3.11	34.63	27.61	60.10	1.73	65.05	65.24	0.430
1600	2.84	34.66	27.65	55.48	1.79	64.93	65.14	0.430
1700	2.66	34.62	27.64	56.73	1.84	64.92	65.13	0.430
1800	2.48	34.69	27.71	50.83	1.90	64.99	65.22	0.430
1900	2.34	34.71	27.73	47.97	1.95	65.22	65.46	0.420
2000	2.25	34.68	27.72	48.82	2.00	65.29	65.54	0.420
2100	2.16	34.69	27.73	47.99	2.05	65.28	65.55	0.420
2200	2.07	34.68	27.73	47.61	2.09	65.19	65.46	0.422
2300	1.99	34.72	27.76	44.61	2.14	65.10	65.39	0.430
2400	1.93	34.68	27.75	46.50	2.18	64.99	65.30	0.430
2500	1.87	34.71	27.77	43.72	2.23	64.93	65.25	0.430
2600	1.81	34.73	27.79	42.88	2.27	64.72	65.05	0.430
2700	1.76	34.72	27.79	42.65	2.31	64.60	64.94	0.430
2776	1.73	34.71	27.78	43.69	2.35	64.23	64.59	0.440

.

WELOC 77 STA 74 14-JUN-77 0715 DN CAST

10	DEPTH	TEMP	SAL	S16-T	SVA	DELD	ZTRANS	POT TR	POT C
20	10	20.37	34.97	24.66	329.66	0.03	44.23	44.24	0.820
30									
40									
50									
60 16.01 35.09 25.84 218.96 0.16 63.22 63.22 0.460 80 15.92 35.14 25.90 214.22 0.19 63.44 63.45 0.460 90 15.72 35.15 25.94 209.88 0.21 63.62 63.63 0.450 100 15.63 35.15 25.97 208.27 0.25 63.96 63.97 0.450 110 15.63 35.11 25.98 207.07 0.27 64.09 64.10 0.450 120 15.38 35.11 25.98 207.77 0.31 64.35 64.36 0.440 130 15.15 35.03 25.98 207.77 0.31 64.13 64.36 0.440 140 15.01 35.01 26.12 197.90 0.33 64.17 64.19 0.441 160 14.49 34.99 26.109 197.90 0.37 64.17 64.19 0.440 200									
70									
80 15.82 35.18 25.94 209.88 0.21 63.62 63.63 0.450 90 15.72 35.15 25.94 209.82 0.23 63.71 63.92 0.450 100 15.63 35.15 25.97 208.27 0.25 63.96 63.97 0.450 110 15.63 35.12 25.98 207.07 0.29 64.15 64.16 0.440 130 15.15 35.03 25.98 207.77 0.31 64.15 64.36 0.440 140 15.01 35.01 25.98 207.77 0.31 64.15 64.36 0.440 150 14.69 35.00 26.06 209.67 0.33 64.17 64.16 0.440 160 14.49 34.99 26.10 197.90 0.37 64.17 64.17 0.410 170 14.49 34.99 26.13 194.35 0.41 64.43 64.45 0.440 180									
90 15.72 35.15 25.94 209.82 0.23 63.91 63.92 0.450 100 15.63 35.15 25.97 208.27 0.25 63.96 63.97 0.450 110 15.56 35.12 25.98 207.07 0.29 64.25 64.26 0.400 120 15.38 35.11 25.98 207.07 0.29 64.25 64.26 0.440 130 15.15 35.03 25.98 207.07 0.29 64.25 64.26 0.440 140 15.01 35.01 25.99 206.46 0.33 64.14 64.16 0.440 15.01 35.01 25.99 206.46 0.33 64.14 64.16 0.440 15.01 35.01 25.99 206.46 0.33 64.17 64.19 0.441 160 14.54 35.02 26.06 200.67 0.35 64.17 64.19 0.440 170 14.49 34.99 26.09 197.90 0.35 64.17 64.19 0.440 170 14.49 34.99 26.09 197.90 0.39 64.25 64.27 0.440 190 14.33 35.01 26.13 194.35 0.41 64.43 64.45 0.440 190 14.33 35.01 26.13 195.04 0.43 64.41 64.44 64.45 0.440 190 14.33 35.01 26.13 195.04 0.43 64.41 64.44 64.45 0.440 190 14.33 35.01 26.13 195.04 0.43 64.45 64.49 0.440 200 14.33 35.01 26.14 194.17 0.45 64.54 64.56 0.440 210 14.31 35.03 26.16 192.14 0.47 64.45 64.49 0.440 220 14.26 35.02 26.17 192.23 0.49 64.47 64.49 0.440 220 14.26 35.02 26.17 192.23 0.49 64.47 64.49 0.440 240 13.96 34.98 26.16 193.56 0.51 64.43 64.46 0.440 240 13.96 34.98 26.10 189.95 0.53 64.45 64.48 0.440 240 13.96 34.98 26.16 1873.56 0.51 64.43 64.55 0.440 250 13.74 34.95 26.22 187.81 0.55 64.45 64.88 0.440 260 13.48 34.92 26.26 188.82 0.56 64.51 64.55 0.440 270 13.37 34.97 26.31 179.22 0.60 64.69 64.75 64.88 0.440 280 13.35 34.97 26.31 179.21 0.58 64.65 64.88 0.440 280 13.35 34.97 26.31 179.22 0.60 64.69 64.76 64.89 0.430 310 12.88 34.92 26.36 175.84 0.65 64.83 64.89 0.430 310 12.88 34.92 26.36 175.84 0.65 64.83 64.89 0.431 330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.430 310 12.88 34.92 26.37 174.33 0.65 64.83 64.89 0.431 330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.440 340 32.90 12.76 34.89 26.46 165.32 0.70 64.69 64.76 64.89 0.431 330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.440 340 340 34.82 26.47 185.95 0.72 64.64 64.89 0.431 330 12.99 34.89 26.46 185.75 0.70 64.69 64.71 64.79 0.430 440 340 340 34.82 26.47 185.95 0.70 64.69 64.71 64.79 0.430 440 340 340 340 34.82 26.47 185.95 0.70 64.69 64.71 64.79 0.430 440 340 340 340 34									
100									
120 15.38 35.11 25.98 207.07 0.29 64.25 64.26 0.440 130 15.15 35.03 25.98 207.07 0.31 64.35 64.36 0.440 15.01 35.01 25.99 206.46 0.33 64.14 64.16 0.440 150 14.69 35.00 26.06 200.67 0.35 64.17 64.19 0.441 160 14.54 35.04 26.12 194.95 0.37 64.17 64.19 0.441 170 14.49 34.99 26.09 197.90 0.39 64.25 64.27 0.440 180 14.41 35.02 26.13 194.35 0.41 64.43 64.45 0.440 190 14.33 35.01 26.13 195.04 0.43 64.41 64.44 0.440 200 14.33 35.01 26.13 195.04 0.43 64.41 64.43 64.45 0.440 210 14.35 35.02 26.17 192.23 0.49 64.26 64.49 0.440 220 14.26 35.02 26.17 192.23 0.49 64.47 64.49 0.440 230 14.26 35.02 26.17 192.23 0.49 64.47 64.49 0.440 240 13.96 34.98 26.16 193.56 0.51 64.43 64.46 0.440 240 13.96 34.98 26.20 189.95 0.53 64.45 64.48 0.440 250 13.48 34.92 26.26 189.95 0.53 64.49 64.52 0.440 250 13.48 34.92 26.26 188.82 0.56 64.51 64.43 64.65 0.440 250 13.37 34.97 26.32 179.22 0.60 64.69 64.52 0.440 250 13.37 34.97 26.32 179.22 0.60 64.69 64.65 0.440 290 13.33 34.97 26.32 179.22 0.60 64.69 64.65 0.430 290 13.23 34.86 26.26 185.73 0.62 64.76 64.80 0.437 300 12.94 34.92 26.36 175.84 0.63 64.86 64.89 0.433 310 12.88 34.92 26.37 174.33 0.65 64.83 64.86 64.89 0.433 310 12.88 34.92 26.37 174.33 0.65 64.83 64.86 64.89 0.433 310 12.88 34.92 26.37 174.33 0.65 64.83 64.86 64.89 0.433 310 12.88 34.92 26.37 174.33 0.65 64.83 64.86 0.437 0.439 34.86 26.26 185.75 0.62 64.76 64.80 0.431 330 12.76 34.90 26.39 173.42 0.67 64.76 64.80 0.431 330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.449 340 12.32 34.89 26.46 166.32 0.70 64.69 64.11 64.15 0.449 340 12.32 34.89 26.46 165.55 0.72 63.92 63.92 63.90 0.430 300 12.94 34.86 26.88 135.35 0.72 63.92 63.90 0.430 34.86 34.87 0.430 34.89 26.40 172.44 0.69 64.11 64.15 0.440 370 11.54 34.86 26.88 132.50 0.70 64.69 64.11 64.15 0.440 370 11.54 34.86 26.88 132.46 0.83 64.86 64.89 0.430 30.40 30.90 63.86 63.91 0.400 9.81 34.75 26.80 130.40 0.85 64.85 64.89 0.400 9.81 34.65 26.88 132.46 0.83 64.85 64.89 0.430 0.430 30.00 63.86 63.91 34.65 26.89 133.03 0.80 63.86 64.99 0.430 34.65 26.89 133.03 0.80 63.86 64.99 0.40	100				208.27				
130 15.15 35.03 25.98 207.77 0.31 64.35 64.36 0.440 140 15.01 35.01 25.99 206.46 0.33 64.14 64.19 0.441 150 14.69 35.00 26.06 200.67 0.35 64.17 64.19 0.441 160 14.54 35.04 26.12 194.95 0.37 64.17 64.19 0.440 180 14.41 35.02 26.13 194.35 0.41 64.43 64.27 0.440 190 14.33 35.01 26.13 195.04 0.43 64.41 0.440 200 14.33 35.03 26.16 192.14 0.47 64.45 64.45 0.440 210 14.33 35.03 26.17 192.23 0.49 64.47 64.48 0.440 220 14.26 35.92 26.17 192.23 0.49 64.47 64.48 0.440 240 13.98 <td>110</td> <td>15.56</td> <td>35.12</td> <td>25.96</td> <td>209.06</td> <td>0.27</td> <td>64.09</td> <td>64.10</td> <td>0.450</td>	110	15.56	35.12	25.96	209.06	0.27	64.09	64.10	0.450
140 15.01 35.01 25.99 206.46 0.33 64.14 64.19 0.440 150 14.69 35.00 26.06 200.67 0.35 64.17 64.19 0.440 160 14.54 35.04 26.12 194.95 0.37 64.17 64.19 0.440 170 14.49 34.99 26.09 197.90 0.39 64.25 64.27 0.440 180 14.41 35.02 26.13 195.04 0.43 64.43 64.45 0.440 200 14.33 35.01 26.14 194.17 0.45 64.54 64.45 64.45 0.440 200 14.33 35.02 26.17 192.23 0.49 64.47 64.49 0.440 220 14.26 35.02 26.17 192.23 0.49 64.47 64.49 0.440 230 14.15 34.98 26.21 187.95 0.53 64.47 64.47 0.440 <	120	15.38	35.11	25.98	207.07	0.29	64.25	64.26	0.440
150	130	15.15	35.03	25.98	207.77	0.31	64.35	64.36	0.440
160 14,54 35,04 26,12 194,95 0.37 64,17 64,19 0.440 170 14,49 34,99 26,09 197,90 0.39 64,25 64,27 0.440 180 14,41 35,02 26,13 195,04 0.43 64,41 64,43 0.440 200 14,33 35,01 26,14 194,17 0.45 64,54 64,45 0.440 210 14,33 35,02 26,17 192,23 0.49 64,47 64,49 0.440 220 14,26 35,02 26,17 192,23 0.49 64,47 64,49 0.440 230 14,15 34,98 26,20 189,95 0.53 64,45 64,46 0.40 240 13,96 34,98 26,22 187,81 0.55 64,47 64,55 0.440 250 13,48 34,97 26,31 179,21 0.58 64,65 64,68 0.490 270	140	15.01	35.01	25.99	206.46	0.33	64.14	64.16	
170	150	14.69	35.00	26.06					
180 14.41 35.02 26.13 194.35 0.41 64.43 64.44 0.440 190 14.39 35.01 26.13 195.04 0.43 64.41 64.44 0.440 200 14.31 35.03 26.16 192.14 0.47 64.45 64.48 0.440 220 14.26 35.02 26.17 192.23 0.49 64.47 64.49 0.440 230 14.15 34.98 26.16 193.56 0.51 64.43 64.49 0.440 240 13.96 34.98 26.20 189.95 0.53 64.47 64.52 0.440 250 13.74 34.95 26.26 184.82 0.56 64.16 64.55 0.440 250 13.37 34.97 26.31 179.21 0.58 64.65 64.68 0.440 280 13.33 34.97 26.32 179.22 0.60 64.69 64.72 0.440 280 13.23 34.89 26.43 175.84 0.63 64.86 64.89			35.04						
190	170	14.49		26.09					
200 14.33 35.01 26.14 194.17 0.45 64.54 64.56 0.440 210 14.31 35.03 26.16 192.14 0.47 64.45 64.48 0.440 220 14.26 35.02 26.17 192.23 0.49 64.47 64.49 0.440 230 14.15 34.98 26.16 193.56 0.51 64.43 64.46 0.440 240 13.96 34.98 26.20 189.95 0.53 64.45 64.48 0.440 250 13.74 34.95 26.26 184.82 0.56 64.51 64.55 0.440 260 13.48 34.92 26.31 179.21 0.58 64.65 64.68 0.40 290 13.23 34.86 26.26 185.73 0.62 64.76 64.80 0.437 300 12.94 34.92 26.37 174.33 0.65 64.86 64.87 0.430 310									
210 14.31 35.03 26.16 192.14 0.47 64.45 64.48 0.440 220 14.26 35.02 26.17 192.23 0.49 64.47 64.49 0.440 230 14.15 34.98 26.16 193.56 0.51 64.43 64.44 0.440 240 13.96 34.98 26.22 189.95 0.53 64.45 64.48 0.440 250 13.74 34.95 26.22 187.81 0.55 64.49 64.52 0.440 260 13.48 34.92 26.26 184.82 0.56 64.51 64.55 0.440 280 13.35 34.97 26.32 179.22 0.60 64.65 64.68 0.440 290 13.23 34.86 26.26 185.73 0.62 64.76 64.80 0.437 300 12.94 34.92 26.37 173.42 0.67 64.86 64.89 0.430 310 12.88 34.92 26.43 173.42 0.67 64.61 64.87									
220 14.26 35.02 26.17 192.23 0.49 64.47 64.49 0.440 230 14.15 34.98 26.16 193.56 0.51 64.43 64.46 0.440 240 13.98 34.98 26.20 189.95 0.53 64.45 64.48 0.440 250 13.74 34.95 26.22 187.81 0.55 64.49 64.52 0.440 260 13.48 34.92 26.26 184.82 0.56 64.55 64.65 64.69 0.440 280 13.35 34.97 26.31 179.21 0.58 64.65 64.69 0.472 0.440 290 13.23 34.86 26.26 185.73 0.62 64.76 64.80 0.437 300 12.94 34.92 26.37 174.33 0.65 64.83 64.89 0.430 310 12.88 34.92 26.37 174.33 0.65 64.76 64.89 0.4									
230 14.15 34.98 26.16 193.56 0.51 64.43 64.46 0.440 240 13.96 34.98 26.20 189.95 0.53 64.43 64.48 0.440 250 13.74 34.95 26.22 187.81 0.55 64.49 64.52 0.440 260 13.48 34.92 26.26 184.82 0.56 64.51 64.52 0.440 270 13.37 34.97 26.31 179.22 0.60 64.65 64.68 0.440 280 13.35 34.97 26.32 179.22 0.60 64.69 64.72 0.440 290 13.23 34.86 26.26 185.73 0.62 64.76 64.80 0.437 300 12.94 34.92 26.37 173.42 0.67 64.76 64.80 0.430 310 12.88 34.92 26.39 173.42 0.67 64.76 64.80 0.431 330 12.19 34.88 26.40 172.44 0.69 64.11 64.15			35.03						
240 13.96 34.98 26.20 189.95 0.53 64.45 64.48 0.440 250 13.74 34.95 26.22 187.81 0.55 64.47 64.52 0.440 260 13.48 34.97 26.31 179.21 0.58 64.65 64.68 0.440 280 13.35 34.97 26.32 179.22 0.60 64.69 64.72 0.40 290 13.23 34.86 26.26 185.73 0.62 64.76 64.80 0.437 300 12.94 34.92 26.36 175.84 0.63 64.86 64.89 0.430 310 12.88 34.92 26.37 174.33 0.65 64.76 64.80 0.431 330 12.76 34.90 26.39 173.42 0.67 64.76 64.80 0.431 330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.449 340									
250 13.74 34.95 26.22 187.81 0.55 64.49 64.52 0.440 260 13.48 34.92 26.26 184.82 0.56 64.51 64.55 0.440 270 13.37 34.97 26.31 179.21 0.58 64.65 64.68 0.440 280 13.35 34.97 26.32 179.22 0.60 64.69 64.72 0.440 290 13.23 34.86 26.26 185.73 0.62 64.76 64.80 0.437 300 12.94 34.92 26.36 175.84 0.63 64.86 64.89 0.430 310 12.88 34.92 26.37 173.42 0.67 64.76 64.80 0.431 330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.449 340 12.32 34.89 26.48 165.55 0.72 63.92 63.96 0.450 360 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
260 13.48 34.92 26.26 184.82 0.56 64.51 64.55 0.440 270 13.37 34.97 26.31 179.21 0.58 64.65 64.68 0.440 280 13.35 34.97 26.32 179.22 0.60 64.69 64.72 0.440 290 13.23 34.86 26.26 185.73 0.62 64.76 64.80 0.437 300 12.94 34.92 26.36 175.84 0.63 64.86 64.89 0.430 310 12.88 34.92 26.37 174.33 0.65 64.83 64.87 0.430 320 12.76 34.88 26.40 172.44 0.67 64.76 64.87 0.430 330 12.14 34.86 26.48 165.55 0.70 64.69 64.73 0.440 350 12.14 34.86 26.48 165.55 0.72 63.92 63.96 0.450 360 12.00 34.78 26.52 161.69 0.76 64.67 64.72									
270 13.37 34.97 26.31 179.21 0.58 64.65 64.68 0.440 280 13.35 34.97 26.32 179.22 0.60 64.69 64.72 0.440 290 13.23 34.86 26.26 185.73 0.62 64.76 64.80 0.437 300 12.94 34.92 26.36 175.84 0.63 64.86 64.89 0.430 310 12.88 34.92 26.37 174.33 0.65 64.83 64.87 0.430 320 12.76 34.90 26.39 173.42 0.67 64.76 64.80 0.431 330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.449 340 12.32 34.89 26.46 165.55 0.72 63.92 63.96 0.450 360 12.00 34.82 26.47 165.95 0.74 64.57 64.72 0.440 370 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
280 13.35 34.97 26.32 179.22 0.60 64.69 64.72 0.440 290 13.23 34.86 26.26 185.73 0.62 64.76 64.80 0.437 300 12.98 34.92 26.36 175.84 0.63 64.86 64.89 0.430 310 12.88 34.92 26.37 174.33 0.65 64.83 64.87 0.430 320 12.76 34.90 26.39 173.42 0.67 64.76 64.80 0.431 330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.449 340 12.32 34.89 26.46 165.55 0.72 63.92 63.96 0.450 350 12.14 34.86 26.47 165.95 0.74 64.50 64.75 0.440 370 11.54 34.78 26.52 161.69 0.76 64.67 64.72 0.440 380 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
290 13.23 34.86 26.26 185.73 0.62 64.76 64.80 0.437 300 12.94 34.92 26.36 175.84 0.63 64.86 64.89 0.430 310 12.88 34.92 26.37 174.33 0.65 64.83 64.87 0.430 320 12.76 34.90 26.39 173.42 0.67 64.76 64.80 0.431 330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.449 340 12.32 34.89 26.46 166.32 0.70 64.69 64.73 0.440 350 12.14 34.86 26.48 165.55 0.72 63.92 63.96 0.450 360 12.00 34.82 26.47 165.95 0.74 64.50 64.72 0.440 370 11.54 34.72 26.52 161.69 0.76 64.67 64.72 0.440 380 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
300 12.94 34.92 26.36 175.84 0.63 64.86 64.89 0.430 310 12.88 34.92 26.37 174.33 0.65 64.83 64.87 0.430 320 12.76 34.99 26.39 173.42 0.67 64.76 64.80 0.431 330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.449 340 12.32 34.89 26.46 166.32 0.70 64.69 64.73 0.440 350 12.14 34.86 26.48 165.55 0.72 63.92 63.96 0.450 360 12.00 34.82 26.47 165.95 0.74 64.50 64.55 0.440 370 11.54 34.78 26.52 161.69 0.76 64.67 64.72 0.440 370 10.05 34.61 26.57 155.79 0.77 64.61 64.16 0.40 9.81 34.75									
310 12.88 34.92 26.37 174.33 0.65 64.83 64.87 0.430 320 12.76 34.90 26.39 173.42 0.67 64.76 64.80 0.431 330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.449 340 12.32 34.89 26.46 166.32 0.70 64.69 64.73 0.440 350 12.14 34.86 26.48 165.55 0.72 63.92 63.96 0.450 360 12.00 34.82 26.47 165.95 0.74 64.50 64.55 0.440 370 11.54 34.78 26.52 161.69 0.76 64.67 64.72 0.440 380 10.55 34.61 26.57 155.79 0.77 64.11 64.16 0.444 390 10.00 34.71 26.80 134.03 0.80 63.87 63.92 0.450 410 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
320 12.76 34.90 26.39 173.42 0.67 64.76 64.80 0.431 330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.449 340 12.32 34.89 26.46 166.32 0.70 64.69 64.73 0.440 350 12.14 34.86 26.48 165.55 0.72 63.92 63.96 0.450 360 12.00 34.82 26.47 165.95 0.74 64.50 64.55 0.440 370 11.54 34.78 26.52 161.69 0.76 64.67 64.72 0.440 380 10.55 34.61 26.57 155.79 0.77 64.11 64.16 0.440 390 10.00 34.71 26.74 139.27 0.78 63.87 63.92 0.450 410 9.65 34.69 26.79 135.35 0.81 64.18 64.23 0.433 420									
330 12.59 34.88 26.40 172.44 0.69 64.11 64.15 0.449 340 12.32 34.89 26.46 166.32 0.70 64.69 64.73 0.440 350 12.14 34.86 26.48 165.55 0.72 63.92 63.96 0.450 360 12.00 34.82 26.47 165.95 0.74 64.50 64.55 0.440 370 11.54 34.78 26.52 161.69 0.76 64.67 64.72 0.440 380 10.55 34.61 26.52 155.79 0.77 64.11 64.16 0.444 390 10.00 34.71 26.74 139.27 0.78 63.87 63.92 0.450 400 9.81 34.75 26.80 134.03 0.80 63.86 63.91 0.450 410 9.65 34.69 26.79 135.35 0.81 64.18 64.23 0.433 420									
340 12.32 34.89 26.46 166.32 0.70 64.69 64.73 0.440 350 12.14 34.86 26.48 165.55 0.72 63.92 63.96 0.450 360 12.00 34.82 26.47 165.95 0.74 64.50 64.55 0.440 370 11.54 34.78 26.52 161.69 0.76 64.67 64.72 0.440 380 10.55 34.61 26.57 155.79 0.77 64.11 64.16 0.444 390 10.00 34.71 26.74 139.27 0.78 63.87 63.92 0.450 400 9.81 34.75 26.80 134.03 0.80 63.87 63.91 0.450 410 9.65 34.69 26.79 135.35 0.81 64.18 64.23 0.443 420 9.46 34.69 26.82 132.46 0.83 64.71 64.76 0.435 430 9.30 34.65 26.81 130.16 0.85 64.85 64.99 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
350 12.14 34.86 26.48 165.55 0.72 63.92 63.96 0.450 360 12.00 34.82 26.47 165.95 0.74 64.50 64.55 0.440 370 11.54 34.78 26.52 161.69 0.76 64.67 64.72 0.440 380 10.55 34.61 26.57 155.79 0.77 64.11 64.16 0.444 390 10.00 34.71 26.74 139.27 0.78 63.87 63.92 0.450 400 9.81 34.75 26.80 134.03 0.80 63.86 63.91 0.450 410 9.65 34.69 26.79 135.35 0.81 64.18 64.23 0.443 420 9.46 34.69 26.82 132.46 0.83 64.71 64.76 0.435 430 9.30 34.66 26.82 132.52 0.84 64.84 64.89 0.430 450									
360 12.00 34.82 26.47 165.95 0.74 64.50 64.55 0.440 370 11.54 34.78 26.52 161.69 0.76 64.67 64.72 0.440 380 10.55 34.61 26.57 155.79 0.77 64.11 64.16 0.444 390 10.00 34.71 26.74 139.27 0.78 63.87 63.92 0.450 400 9.81 34.75 26.80 134.03 0.80 63.86 63.91 0.450 410 9.65 34.69 26.79 135.35 0.81 64.18 64.23 0.443 420 9.46 34.69 26.82 132.46 0.83 64.71 64.76 0.435 430 9.30 34.65 26.82 132.52 0.84 64.84 64.89 0.430 450 8.91 34.67 26.90 125.31 0.86 64.79 64.84 0.431 460									
370 11.54 34.78 26.52 161.69 0.76 64.67 64.72 0.440 380 10.55 34.61 26.57 155.79 0.77 64.11 64.16 0.444 390 10.00 34.71 26.74 139.27 0.78 63.87 63.92 0.450 400 9.81 34.75 26.80 134.03 0.80 63.86 63.91 0.450 410 9.65 34.69 26.79 135.35 0.81 64.18 64.23 0.443 420 9.46 34.69 26.82 132.46 0.83 64.71 64.76 0.435 430 9.30 34.66 26.82 132.52 0.84 64.84 64.89 0.430 440 9.09 34.65 26.85 130.16 0.85 64.85 64.90 0.430 450 8.91 34.67 26.90 125.31 0.86 64.79 64.84 0.431 460 8.70 34.64 26.91 124.57 0.88 64.67 64.72 0.									
380 10.55 34.61 26.57 155.79 0.77 64.11 64.16 0.444 390 10.00 34.71 26.74 139.27 0.78 63.87 63.92 0.450 400 9.81 34.75 26.80 134.03 0.80 63.86 63.91 0.450 410 9.65 34.69 26.79 135.35 0.81 64.18 64.23 0.443 420 9.46 34.69 26.82 132.46 0.83 64.71 64.76 0.435 430 9.30 34.66 26.82 132.52 0.84 64.84 64.89 0.430 440 9.09 34.65 26.85 130.16 0.85 64.85 64.90 0.430 450 8.91 34.67 26.90 125.31 0.86 64.79 64.84 0.431 460 8.70 34.64 26.91 124.57 0.88 64.67 64.72 0.440 470 8.52 34.62 26.92 123.34 0.89 64.77 64.83 0.4									
390 10.00 34.71 26.74 139.27 0.78 63.87 63.92 0.450 400 9.81 34.75 26.80 134.03 0.80 63.86 63.91 0.450 410 9.65 34.69 26.79 135.35 0.81 64.18 64.23 0.443 420 9.46 34.69 26.82 132.46 0.83 64.71 64.76 0.435 430 9.30 34.66 26.82 132.52 0.84 64.84 64.89 0.430 440 9.09 34.65 26.85 130.16 0.85 64.85 64.90 0.430 450 8.91 34.67 26.90 125.31 0.86 64.79 64.84 0.431 460 8.70 34.64 26.91 124.57 0.88 64.67 64.72 0.440 470 8.52 34.62 26.92 123.34 0.89 64.77 64.83 0.430 480 8.35 34.63 26.96 120.54 0.90 64.86 64.92 0.43									
400 9.81 34.75 26.80 134.03 0.80 63.86 63.91 0.450 410 9.65 34.69 26.79 135.35 0.81 64.18 64.23 0.443 420 9.46 34.69 26.82 132.46 0.83 64.71 64.76 0.435 430 9.30 34.66 26.82 132.52 0.84 64.84 64.89 0.430 440 9.09 34.65 26.85 130.16 0.85 64.85 64.90 0.430 450 8.91 34.67 26.90 125.31 0.86 64.79 64.84 0.431 460 8.70 34.64 26.91 124.57 0.88 64.67 64.72 0.440 470 8.52 34.62 26.92 123.34 0.89 64.77 64.83 0.430 480 8.35 34.63 26.96 120.54 0.90 64.86 64.92 0.430 490 8.26 34.65 27.00 116.18 0.92 64.91 64.97 0.430									
410 9.65 34.69 26.79 135.35 0.81 64.18 64.23 0.443 420 9.46 34.69 26.82 132.46 0.83 64.71 64.76 0.435 430 9.30 34.66 26.82 132.52 0.84 64.84 64.89 0.430 440 9.09 34.65 26.85 130.16 0.85 64.85 64.90 0.430 450 8.91 34.67 26.90 125.31 0.86 64.79 64.84 0.431 460 8.70 34.64 26.91 124.57 0.88 64.67 64.72 0.440 470 8.52 34.62 26.92 123.34 0.89 64.77 64.83 0.430 480 8.35 34.63 26.96 120.54 0.90 64.86 64.92 0.430 490 8.26 34.65 27.00 116.18 0.92 64.91 64.97 0.430 500 8.14 34.65 27.10 107.11 1.03 65.11 65.16 0.430									
420 9.46 34.69 26.82 132.46 0.83 64.71 64.76 0.435 430 9.30 34.66 26.82 132.52 0.84 64.84 64.89 0.430 440 9.09 34.65 26.85 130.16 0.85 64.85 64.90 0.430 450 8.91 34.67 26.90 125.31 0.86 64.79 64.84 0.431 460 8.70 34.64 26.91 124.57 0.88 64.67 64.72 0.440 470 8.52 34.62 26.92 123.34 0.89 64.77 64.83 0.430 480 8.35 34.63 26.96 120.54 0.90 64.86 64.92 0.430 490 8.26 34.65 26.99 117.52 0.91 64.87 64.93 0.430 500 8.14 34.65 27.00 116.18 0.92 64.91 64.97 0.430 600 7.19 34.60 27.10 107.11 1.03 65.11 65.16 0.430									
430 9.30 34.66 26.82 132.52 0.84 64.84 64.89 0.430 440 9.09 34.65 26.85 130.16 0.85 64.85 64.90 0.430 450 8.91 34.67 26.90 125.31 0.86 64.79 64.84 0.431 460 8.70 34.64 26.91 124.57 0.88 64.67 64.72 0.440 470 8.52 34.62 26.92 123.34 0.89 64.77 64.83 0.430 480 8.35 34.63 26.96 120.54 0.90 64.86 64.92 0.430 490 8.26 34.65 26.99 117.52 0.91 64.87 64.93 0.430 500 8.14 34.65 27.00 116.18 0.92 64.91 64.97 0.430 600 7.19 34.60 27.10 107.11 1.03 65.11 65.18 0.430 800 5.41 34.55 27.30 88.91 1.23 65.06 65.16 0.430<									
440 9.09 34.65 26.85 130.16 0.85 64.85 64.90 0.430 450 8.91 34.67 26.90 125.31 0.86 64.79 64.84 0.431 460 8.70 34.64 26.91 124.57 0.88 64.67 64.72 0.440 470 8.52 34.62 26.92 123.34 0.89 64.77 64.83 0.430 480 8.35 34.63 26.96 120.54 0.90 64.86 64.92 0.430 490 8.26 34.65 26.99 117.52 0.91 64.87 64.93 0.430 500 8.14 34.65 27.00 116.18 0.92 64.91 64.97 0.430 600 7.19 34.60 27.10 107.11 1.03 65.11 65.18 0.430 800 5.41 34.55 27.30 88.91 1.23 65.06 65.16 0.430 900 4.85 34.57 27.38 81.22 1.31 65.19 65.31 0.430 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
450 8.91 34.67 26.90 125.31 0.86 64.79 64.84 0.431 460 8.70 34.64 26.91 124.57 0.88 64.67 64.72 0.440 470 8.52 34.62 26.92 123.34 0.89 64.77 64.83 0.430 480 8.35 34.63 26.96 120.54 0.90 64.86 64.92 0.430 490 8.26 34.65 26.99 117.52 0.91 64.87 64.93 0.430 500 8.14 34.65 27.00 116.18 0.92 64.91 64.97 0.430 600 7.19 34.60 27.10 107.11 1.03 65.11 65.18 0.430 700 6.26 34.56 27.18 99.07 1.14 64.98 65.07 0.430 800 5.41 34.55 27.30 88.91 1.23 65.06 65.16 0.430 900 4.85 34.57 27.38 81.22 1.31 65.19 65.31 0.430 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>64.90</td> <td></td>								64.90	
460 8.70 34.64 26.91 124.57 0.88 64.67 64.72 0.440 470 8.52 34.62 26.92 123.34 0.89 64.77 64.83 0.430 480 8.35 34.63 26.96 120.54 0.90 64.86 64.92 0.430 490 8.26 34.65 26.99 117.52 0.91 64.87 64.93 0.430 500 8.14 34.65 27.00 116.18 0.92 64.91 64.97 0.430 600 7.19 34.60 27.10 107.11 1.03 65.11 65.18 0.430 700 6.26 34.56 27.18 99.07 1.14 64.98 65.07 0.430 800 5.41 34.55 27.30 88.91 1.23 65.06 65.16 0.430 900 4.85 34.57 27.38 81.22 1.31 65.19 65.31 0.430							64.79		
470 8.52 34.62 26.92 123.34 0.89 64.77 64.93 0.430 480 8.35 34.63 26.96 120.54 0.90 64.86 64.92 0.430 490 8.26 34.65 26.99 117.52 0.91 64.87 64.93 0.430 500 8.14 34.65 27.00 116.18 0.92 64.91 64.97 0.430 600 7.19 34.60 27.10 107.11 1.03 65.11 65.18 0.430 700 6.26 34.56 27.18 99.07 1.14 64.98 65.07 0.430 800 5.41 34.55 27.30 88.91 1.23 65.06 65.16 0.430 700 4.85 34.57 27.38 81.22 1.31 65.19 65.31 0.430						0.88	64.67	64.72	0.440
480 8.35 34.63 26.96 120.54 0.90 64.86 64.92 0.430 490 8.26 34.65 26.99 117.52 0.91 64.87 64.93 0.430 500 8.14 34.65 27.00 116.18 0.92 64.91 64.97 0.430 600 7.19 34.60 27.10 107.11 1.03 65.11 65.18 0.430 700 6.26 34.56 27.18 99.07 1.14 64.98 65.07 0.430 800 5.41 34.55 27.30 88.91 1.23 65.06 65.16 0.430 900 4.85 34.57 27.38 81.22 1.31 65.19 65.31 0.430	470	8.52	34.62		123.34	0.89	64.77	64.83	0.430
500 8.14 34.65 27.00 116.18 0.92 64.91 64.97 0.430 600 7.19 34.60 27.10 107.11 1.03 65.11 65.18 0.430 700 6.26 34.56 27.18 99.07 1.14 64.98 65.07 0.430 800 5.41 34.55 27.30 88.91 1.23 65.06 65.16 0.430 900 4.85 34.57 27.38 81.22 1.31 65.19 65.31 0.430				26.96	120.54		64.86		
600 7.19 34.60 27.10 107.11 1.03 65.11 65.18 0.430 700 6.26 34.56 27.18 99.07 1.14 64.98 65.07 0.430 800 5.41 34.55 27.30 88.91 1.23 65.06 65.16 0.430 900 4.85 34.57 27.38 81.22 1.31 65.19 65.31 0.430	490	8.26	34.65	26.99	117.52	0.91	64.87		0.430
700 6.26 34.56 27.18 99.07 1.14 64.98 65.07 0.430 800 5.41 34.55 27.30 88.91 1.23 65.06 65.16 0.430 900 4.85 34.57 27.38 81.22 1.31 65.19 65.31 0.430			34.65	27.00					
800 5.41 34.55 27.30 88.91 1.23 65.06 65.16 0.430 900 4.85 34.57 27.38 81.22 1.31 65.19 65.31 0.430					107.11				
900 4.85 34.57 27.38 81.22 1.31 65.19 65.31 0.430									
1000 4.47 34.58 27.42 76.93 1.39 65.16 65.29 0.430									
	1000	4.47	34.58	27.42	76.93	1.39	00.10	92.59	0.430

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	POT TR	FOT C
1100	4.16	34.58	27.46	73.56	1.47	65.18	65.32	0.430
1200	3.85	34.60	27.51	69.36	1.53	65.14	65.29	0.430
1300	3.54	34.69	27.60	60.66	1.60	65.17	65.33	0.430
1400	3.36	34.62	27.58	63.38	1.67	65.08	65.26	0.430
1500	3.08	34.64	27.61	59.65	1.72	65.12	65.31	0.430
1600	2.90	34.63	27.63	58.10	1.78	65.21	65.42	0.430
1700	2.74	34.67	27.67	54.21	1.84	65.21	65.42	0.430
1800	2.54	34.68	27.70	51.54	1.89	65.13	65.36	0.430
1900	2.40	34.68	27.70	50.67	1.94	65.08	65.32	0.430
2000	2.33	34.66	27.70	51.49	1.99	65.07	65.32	0.430
2100	2.23	34.69	27.72	48.78	2.04	65.12	65.39	0.430
2200	2.11	34.70	27.75	46.85	2.09	65.12	65.40	0.430
2300	2.03	34.71	27.76	45.43	2.13	65.03	65.32	0.430
2400	1.99	34.68	27.74	47.03	2.18	64.99	65.29	0.430
2500	1.89	34.70	27.76	45.24	2.23	64.80	65.12	0.430
2600	1.81	34.70	27.78	43.99	2.27	64.78	65.11	0.430
2700	1.78	34.72	27.79	42.65	2.32	64.79	65.13	0.430
2800	1.77	34.86	27.90	33.35	2.35	64.73	65.09	0.430
2900	1.77	34.71	27.78	44.00	2.40	64.64	65.01	0.430
3000	1.77	34.72	27.79	44.03	2.45	64.58	64.97	0.430
3100	1.78	34.71	27.78	45.10	2.49	64.55	64.95	0.430
3200	1.78	34.72	27.79	44.56	2.53	64.43	54.84	0.430
3300	1.78	34.72	27.78	45.54	2.58	64.29	54.71	0.440
3400	1.78	34.73	27.79	45.25	2.62	64.48	64.91	0.430
3500	1.79	34.71	27.78	46.50	2.67	64.39	64.84	0.430
3534	1.79	34.73	27.79	45.31	2.68	64.03	64.48	0.440

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	20.85	34.67	24.30	364.08	0.04	46.86	46.86	0.761
20	19.50	34.88	24.82	314.84	0.07	52.35	52.36	0.650
30	18.21	34.83	25.11	287.21	0.10	58.78	58.79	0.532
40	16.48	35.15	25.78	224.40	0.13	62.13	62.13	0.481
50	15.92	35.15	25.90	213.13	0.15	63.35	63.36	0.460
60	15.78	35.14	25.93	210.52	0.17	63.56	63.57	0.450
70	15.73	35.15	25.95	209.07	0.19	63.79	63.80	0.450
80	15.51	35.15	26.00	204.98	0.21	63.94	63.95	0.450
90	15.31	35.08	25.98	206.03	0.23	64.16	64.17	0.444
100	15.18	35.04	25.99	206.14	0.25	63.85	63.87	0.450
110	15.12	35.05	26.00	204.93	0.28	63.76	63.78	0.450
120	15.09	35.06	26.02	203.51	0.30	63.88	63.90	0.450
130	15.02	35.04	26.02	203.89	0.32	64.20	64.21	0.440
140	14.91	35.05	26.05	201.73	0.34	64.27	64.28	0.440
150	14.87	35.06	26.06	200.22	0.35	64.35	34.37	0.440
160	14.80	35.05	26.08	199.59	0.37	64.44	64.46	0.440
		35.04	26.08	199.26	0.39	64.38	64.40	0.440
170	14.72			197.44	0.41			0.440
180	14.61	35.04	26.10		0.43	64.40	64.42	the same of the sa
190	14.46	35.03	26.13	194.40		64.65	34.68	0.440
200	14.39	35.04	26.15	193.48	0.45	64.59	64.61	
210	14.28	35.00	26.15		0.47	64.67	64.70	0.440
220	14.22	35.02	26.18	191.42	0.49	54.67	64.69	0.440
230	14.22	35.04	26.20	190.43	0.51	64.66	64.69	0.440
240	14.14	35.02	26.19	190.43	0.53	64.62	64.65	0.440
250	14.01	34.98	26.20	190.83	0.55	64.56	64.60	0.440
260	13.86	34.98	26.22	188.10	0.56	64.54	64.57	0.440
270	13.64	34.96	26.25	185.35	0.59	64.55	64.59	0.440
280	13.56	34.95	26.26	185.05	0.61	64.53	64.56	0.440
290	13.39	34.92	26.27	184.08	0.62	64.37	64.41	0.440
300	13.22	34.94	26.32	179.71	0.64	64.27	64.30	0.440
310	13.09	34.91	26.32	179.40	0.66	64.58	64.62	0.440
320	12.90	34.90	26.36	176.45	0.68	64.83	64.87	0.430
. 330	12.78	34.88	26.36	176.26	0.70	64.82	64.86	0.430
340	12.60	34.84	26.37	175.17	0.71	64.66	64.70	0.440
350	12.36	34.86	26.43	169.80	0.73	64.81	64.85	0.430
360 .	12.07	34.80	26.44	138.75	0.75	64.80	64.85	0.430
370	11.45	34.58	26.39	174.08	0.76	65.00	65.04	0.430
380	10.92	34.69	26.58	155.81	0.78	65.01	65.05	0.430
390	10.61	34.77	26.69	145.57	0.79	64.68	64.73	0.440
400	10.14	34.49	26.55	158.30	0.81	64.89	64.94	0.430
410	9.64	34.70	26.80	134.52	0.82	64.84	64.89	0.430
420	9.50	34.67	26.80	134.64	0.84	64.87	64.92	0.430
430	9.35	34.71	26.85	129.84	0.85	64.77	64.82	0.437
440	9.14	34.66	26.85	129.81	0.87	64.50	64.56	0.440
450	8.86	34.61	26.85	129.12	0.88	64.78	64.84	0.430
460	8.66	34.59	26.87	127.99	0.89	64.85	64.91	0.430
470	8.40	34.66	26.96	119.25	0.90	64.90	64.96	0.430
480	8.20	34.63	26.97	118.38	0.91	64.94	65.00	0.430
490	8.05	34.57	26.95	120.15	0.93	64.95	65.01	0.430
500	7.87	34.64	27.03	112.37	0.94	65.05	65.11	0.430
600	7.02	34.60	27.12	105.04	1.05	65.14	65.21	0.430
700	6.23	34.54	27.18	99.14	1.15	65.17	65.26	0.430
800	5.51	34.57	27.29	88.81	1.24	64.98	65.08	0.430
900	4.92	34.57	27.37	82.56	1.33	65.18	65.29	0.430
1000	4.60	34.58	27.41	78.49	1.40	65.20	65.33	0.430
1100	4.20	34.61	27.47	72.70	1.48	65.19	65.33	0.430
1200	3.84	34.61	27.52	68.44	1.55	65.20	65.35	0.430

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	FOT TR	POT C
1300	3.56	34.61	27.54	65.49	1.62	65.10	65.27	0.430
1400	3.36	34.65	27.60	61.10	1.68	65.01	65.19	0.430
1500	3.13	34.65	27.61	59.49	1.74	65.01	65.20	0.430
1600	2.90	34.67	27.65	55.86	1.80	65.24	65.44	0.420
1700	2.74	34.67	27.67	54.20	1.86	65.29	65.51	0.420
1800	2.56	34.67	27.69	52.33	1.91	65.30	65.52	0.420
1900	2.42	34.70	27.72	49.20	1.96	65.27	65.51	0.420
2000	2.32	34.69	27.72	49.35	2.01	65.19	65.44	0.424
2100	2.24	34.70	27.74	47.51	2.06	65.12	65.38	0.430
2200	2.15	34.79	27.80	41.28	2.11	65.10	65.38	0.430
2300	2.06	34.71	27.75	45.96	2.15	65.06	65.35	0.430
2400	1.99	34.70	27.75	46.02	2.20	64.97	65.28	0.430
2500	1.94	34.71	27.76	45.43	2.24	64.99	65.31	0.430
2600	1.88	34.70	27.76	45.98	2.29	64.87	65.20	0.430
2700	1.83	34.66	27.74	47.59	2.33	64.77	65.11	0.430
2800	1.79	34.74	27.80	42.05	2.38	64.87	65.23	0.430
2900	1.77	34.72	27.78	43.74	2.42	64.87	65.24	0.430
3000	1.76	34.71	27.79	44.37	2.47	64.83	65.22	0.430
3100	1.76	34.71	27.78	44.66	2.51	64.81	65.20	0.430
3200	1.76	34.60	27.69	53.08	2.55	64.70	65.11	0.430
3300	1.76	34.69	27.76	47.11	2.60	64.66	65.08	0.430
3400	1.77	34.69	27.76	47.87	2.65	64.30	54.74	0.440
3500	1.78	34.69	27.77	47.15	2.70	63.77	64.22	0.440
3600	1.78	34.71	27.78	46.85	2.74	63.82	64.28	0.440
3657	1.78	34.70	27.77	48.14	2.77	63.14	63.62	0.450

.

٠

*

.

WELOC 77 STA 76 14-JUN-77 1900 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	23.38	34.73	23.64	427.04	0.04	54.41	54.41	0.610
20	22.90	34.75	23.79	412.46	0.09	54.36	54.37	0.610
30	20.58	34.94	24.58	338.22	0.13	53.95	53.96	0.620
40	18.71	35.04	25.15	284.43	0.15	59.23	59.23	0.524
50	17.30	35.13	25.56		0.17	62.02	62.03	0.480
60	16.44	35.08	25.73		0.20	62.90	62.91	0.467
70	15.80	35.10	25.89		0.22	63.31	63.32	0.460
80	15.61	35.11	25.94	209.90	0.24	63.84	63.85	0.450
90	15.46	35.16	26.01	203.40	0.26	64.30	64.31	0.440
100	15.29	35.05	25.96	208.66	0.29	64.45	64.46	0.440
110	15.14	35.08	26.02	203.22	0.31	64.57	64.58	0.440
120	15.06	35.06	26.02	203.47	0.33	64.43	64.44	0.440
130	14.94	35.07	26.05	201.08	0.35	64.62	64.63	0.440
140	14.89	35.05	26.05	201.04	0.37	64.55	64.57	0.440
150	14.82	35.05	26.07	199.30	0.38	64.47	64.49	0.440
160	14.73	35.01	26.06	200.67	0.40	64.27	64.29	0.440
170	14.58	34.99	26.07	199.90	0.42	63.89	63.91	0.450
180	14.33	35.01	26.15	193.04	0.44	64.02	64.05	0.448
190	14.24	35.02	26.17	191.18	0.46	64.16	64.19	0.440
200	14.16	34.97	26.15	193.09	0.49	64.22	64.24	0.440
210	14.07	34.98	26.17	191.20	0.51	64.30	64.32	0.440
220	13.93	34.97	26.19	189.46	0.53	64.39	64.42	0.440
230	13.82	34.97	26.22	187.34	0.54	64.25	64.28	0.440
240	13.64	34.97	26.26	183.93	0.56	64.42	64.45	0.440
250	13.53	34.98	26.29	181.21	0.58	64.42	64.45	0.440
260 270	13.45	34.96	26.29	181.61	0.62	64.43	64.46	0.440
280	13.28		26.29		0.63	64.50	64.54	0.440
290	13.16	01172	26.25	185.13	0.65	64.67	64.71	0.440
300	13.10	34.93	26.36	176.03	0.67	64.84	64.87	0.430
310	12.83	34.84	26.31	179.60	0.69	64.00	64.04	0.447
320	12.56	34.88	26.40	171.91	0.71	64.08	64.12	0.444
330	12.31	34.85	26.43	169.22	0.72	64.71	64.75	0.434
340	11.96	34.75	26.42	170.19	0.74	64.72	64.77	0.440
350	11.61	34.80	26.53	160.34	0.76	64.81	64.85	0.430
360	11.29	34.76	26.56	157.76	0.77	64.87	64.92	0.430
370	10.81	34.71	25.60	153.45	0.79	64.91	64.96	0.430
380	10.40	34.65	26.64	150.14	0.80	64.40	64.45	0.439
390	9.96	34.66	26.72	141.87	0.82	63.76	63.81	0.450
400	9.69	34.66	26.77	137.92	0.83	63.03	63.08	
410	9.37	34.65	26.81	133.85	0.85	62.76	62.81	0.470
420	9.05	34.58	26.80	133.86	0.86	63.08	63.14	0.460
430		34.68	26.93	122.44	0.87	63.50	63.56	0.454
440	8.67	34.65	26.92	123.05	0.88	64.12	64.17	0.444
450	8.50	34.62	26.92	122.70	0.89	64.62	64.68	0.440
460	8.38	34.68	26.99	116.73	0.90	64.34		0.440
470	8.22	34.64	26.98	117.65	0.92	64.31	64.37	0.440
474	8.16	34.65	26.99	115.69	0.92	64.47	64.53	0.440

	***************************************	0111 //	11 0011	,, 2010	or chai			
DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	23.53	34.60	23.50	440.45	0.04	55.11	55.11	0.600
20	23.48	34.60	23.51	439.54	0.09	54.92	54.93	0.600
30	22.96	34.39	23.51	440.58	0.13	53.82	53.83	0.620
40	20.04	34.64	24.50	346.07	0.17	56.38	56.38	0.575
50	18.82	35.03	25.11	288.56	0.20	59.70	59.71	0.520
50	17.98	34.98	25.28	272.12	0.23	61.85	61.85	0.482
70	17.07	35.08	25.58	244.39	0.25	62.85	62.85	
80	16.20	35.13	25.82	220.97	0.28	63.70	63.71	0.467
90	15.95	35.13	25.88	216.37	0.30	63.70	63.83	0.450
100	15.80	35.14	25.92	212.31	0.32	64.02	64.04	0.450
110	15.57	34.96	25.84	220.54	0.34	64.29	64.31	0.440
120	15.18	35.03	25.97	207.52	0.36	64.46	64.48	0.440
130	15.04	35.06	26.03	202.49		64.56	64.57	0.440
140	14.98	35.04	26.03	203.55	0.40	64.53	64.54	0.440
150	14.87	35.00	26.02	204.36	0.43	64.41	64.43	0.440
160	14.72	35.03	26.08	199.78	0.45	64.40	64.42	0.440
170	14.65	35.05	26.11	196.17	0.47	64.29	64.31	0.440
180	14.60	35.05	26.12	195.44	0.49	64.19	64.22	0.440
190	14.44	35.01	26.12	195.87	0.51	64.07	64.09	0.450
200	14.25	35.02	26.17	191.74	0.52	63.80	63.83	0.450
210	14.06	34.99	26.19	190.27	0.54	63.76	63.78	0.450
220	13.88	34.96	26.21	188.66	0.56	64.09	64.12	0.450
230	13.74	34.99	26.25	184.67	0.58	64.24	64.26	0.440
240	13.68	34.99	26.27	183.45	0.60	64.31	64.34	0.440
250	13.54	34.94	26.26	184.46	0.62	64.26	64.29	0.440
260	13.36	34.93	26.28	182.24	0.63	64.31	64.34	0.440
270	13.23	34.95	26.33	177.80	0.65	64.32	64.35	0.440
280	13.09	34.90	26.31	179.35	0.67	63.73	63.77	0.450
290	12.84	34.90	26.38	173.92	0.69	63.10	63.14	0.460
300	12.62	34.88	26.40	171.99	0.70	63.22	63.26	0.460
310	12.45	34.90	26.44	168.02	0.72	63.58	63.62	0.452
320	12.29	34.85	26.44	168.30	0.74	63.84	33.88	0.450
330	12.00	34.85	26.50	162.91	0.75	64.50	64.54	0.440
340	11.83	34.91	26.58	155.69	0.77	64.28	64.32	0.440
350	11.56	34.77	26.51	161.74	0.79	64.50	64.55	0.440
360	11.21	34.76	26.57	156.17	0.81	64.60	64.64	0.440
370	11.08	34.78	26.60	152.97	0.82	54.41	64.46	0.440
380	10.85	34.69	26.59	155.06	0.83	64.61	64.66	0.440
390	10.41	34.67	26.64	149.82	0.85	64.73	64.78	0.438
400	9.99	34.66	26.71	143.35	0.86	64.72	64.76	0.440
410	9.58	34.65	26.78	136.76	0.88	64.56	64.62	0.440
420	9.30	34.71	26.86	128.75	0.89	63.79	63.85	0.450
430	9.03	34.59	26.82	132.96	0.90	63.82	63.87	0.450
440	8.71	34.62	26.89	125.83	0.92	64.23	64.28	0.440
450	8.53	34.67	26.95	119.86	0.93	64.45	64.51	0.440
460	8.42	34.59	26.91	123.50	0.94	64.65	64.70	0.440
470	8.17	34.66	27.00	115.69	0.95	64.73	64.79	0.440
480	8.01	34.60	26.98	117.10	0.97	64.76	64.82	0.430
490	7.86	34.65	27.05	110.96	0.98	64.71	64.78	0.440
500	7.81	34.64	27.04	111.76	0.98	64.65	64.71	0.440
600	7.03	34.61	27.13	104.11	1.10	64.90	64.98	0.430
700	6.29	34.61	27.23	95.14	1.19	65.08	65.17	0.430
800	5.83	34.58	27.27	92.12	1.29	65.03	65.13	0.430
900	5.15	34.58	27.35	84.59	1.37	65.20	65.32	0.430
1000	4.76	34.60	27.41	79.00	1.46	65.16	65.29	0.430

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1100	4.35	34.59	27.45	75.58	1.54	65.24	65.38	0.430
1200	3.97	34.60	27.50	70.80	1.61	65.19	65.34	0.430
1300	3.61	34.66	27.57	63.23	1.68	65.14	65.30	0.430
1400	3.23	34.65	27.61	60.13	1.74	65.11	65.29	0.430
1500	3.04	34.65	27.63	57.76	1.80	64.93	65.13	0.430
1600	2.80	34.66	27.65	55.46	1.85	65.17	65.37	0.430
1700	2.65	34.69	27.70	51.92	1.91	65.19	65.41	0.430
1800	2,55	34.68	27.69	51.83	1.96	65.16	65.39	0.430
1900	2.40	34.70	27.72	49.03	2.01	65.16	65.40	0.430
2000	2.29	34.70	27.73	48.04	2.06	65.11	65.36	0.430
2100	2.23	34.70	27.73	48.12	2.10	65.15	65.42	0.430
2200	2.16	34.71	27.75	46.76	2.15	65.10	65.38	0.430
2300	2.10	34.73	27.77	44.86	2.20	64.97	65.26	0.430
2400	2.02	34.71	27.76	45.71	2.24	65.03	65.33	0.430
2500	1.94	34.62	27.69	51.99	2.30	64.75	65.07	0.430
2600	1.89	34.72	27.78	43.94	2.34	64.87	65.21	0.430
2700	1.82	34.72	27.79	43.37	2.39	64.72	65.07	0.430
2800	1.78	34.72	27.79	43.54	2.43	64.75	65.11	0.430
2900	1.77	34.72	27.79	43.18	2.48	64.80	65.17	0.430
3000	1.76	34.73	27.80	43.29	2.52	64.63	65.02	0.430
3100	1,77	34.73	27.79	43.71	2.56	64.55	64.94	0.430
3200	1.77	34.72	27.79	44.34	2.60	64.68	65.09	0.430
3300	1.78	34.72	27.79	45.03	2.65	64.53	64.95	0.430
3400	1.78	34.73	27.80	44.60	2.69	64.44	64.87	0.430
3500	1.79	34.74	27.80	44.50	2.74	64.07	64.52	0.440
3600	1.80	34.72	27.79	46.27	2.78	64.12	64.58	0.440
3700	1.80	34.71	27.78	47.39	2.83	63.87	64.34	0.440
	1.81	34.73	27.79	46.56	2.88	63.44	63.93	0.450
3800 3900	1.81	34.73	27.77	48.49	2.92	63.70	64.20	0.440
4000	1.81	34.73	27.79	47.30	2.97	63.70	64.21	0.440
4100	1.81	34.70	27.77	49.26	3.02	62.58	63.13	0.460
4140	1.81	34.74	27.80	46.68	3.04	60.78	61.34	0.490
4140	1.01	341/4	27.00	40.00	3.04	00.70	01+04	0.470
	10.50							
	22.00							

A Marchine

WELOC 77 STA 78 15-JUN-77 0000 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	23.53	34.54	23.45	444.91	0.04	55.78	55.78	0.580
20	23.46	34.53	23.46	444.30	0.09	55.92	55.93	0.580
30	21.32	34.70	24.19	375.10	0.13	57.54	57.55	0.551
40	19.19	35.03	25.02	296.87	0.16	60.46	60.47	0.502
50	17.69	35.06	25.41	259.36	0.19	62.84	62.85	0.464
60	16.76	35.14	25.71	231.89	0.21	63.71	63.72	0.450
70	16.39	35.08	25.74	228.80	0.23	64.04	64.05	0.450
80	16.13	35.14	25.85	218.93	0.26	64.19	64.20	0.440
90	15.87	35.06	25.85	218.88	0.28	64.27	64.28	0.440
100	15.58	35.09	25.93	211.66	0.30	64.34	64.36	0.440
110	15.48	35.15	26.00	205.05	0.32	64.33	64.34	0.440
120	15.43	35.20	26.05	201.11	0.35	64.30	64.31	0.440
130	15.37	35.13	26.01	205.07	0.36	64.40	64.42	0.440
140	15.31	35.12	26.01	205.15	0.39	64.43	64.45	0.440
150	15.26	35.07	25.99	207.33	0.41	64.48	64.50	0.440
160	15.12	35.04	25.99	207.36	0.42	64.38	64.40	0.440
170	14.98	35.08	26.06	202.01	0.44	64.39	64.41	0.440
180	14.82	35.02	26.05	202.88	0.46	64.31	64.33	0.440
190	14.69	35.00	26.07	201.64	0.48	64.28	64.31	0.440
200	14.57	34.99	26.08	200.36	0.51	64.37	64.39	0.440
210	14.30	34.97	26.12	196.81	0.53	64.19	64.22	0.440
220	14.14	34.99	26.17	191.86	0.55	63.98	64.01	0.450
230	14.03	35.01	26.21	188.62	0.57	63.75	63.78	0.450
240	13.98	35.02	26.22	187.39	0.59	63.80	63.83	0.450
250	13.88	34.98	26.21	188.42	0.61	63.72	63.75	0.450
260	13.71	34.92	26.21	189.04	0.62	63.75	63.79	0.450
270	13.46	34.92	26.26	184.74	0.64	64.17	64.20	0.442
280	13.25	34.87	26.26	184.42	0.66	64.29	64.33	0.440
290 300	12.97 12.63	34.88	26.32	179.18	0.68	63.66	63.70	0.450
310	12.29	34.77	26.38	173.52	0.71	63.77	63.81	0.453
320	12.00	34.87	26.51	161.55	0.73	64.29	64.33	0.440
330	11.82	34.83	26.50	162.14	0.75	64.32	64.36	0.440
340	11.58	34.77	26.51	161.29	0.76	64.35	64.39	0.440
350	11.30	34.82	26.60	152.83	0.78	64.53	64.57	0.440
360	11.19	34.77	26.58	155.28	0.79	64.65	64.69	0.440
370	10.44	34.63	26.60	152.74	0.81	64.52	64.57	0.440
380	10.09	34.68	26.71	143.01	0.82	64.18	64.23	0.440
390	9.69	34.62	26.73	140.37	0.84	63.91	63.96	0.450
400	9.34	34.67		131.15	0.85	63.96	64.01	0.450
410	9.10	34.71	26.90	124.91	0.86	64.08	64.14	0.450
420	8.97	34.69	26.90	124.24	0.87	64.15	64.20	0.440
430	8.75	34.63	26.89	125.65	0.89	64.41	64.46	0.440
440	8.55	34.64	26.93	122.27	0.90	64.35	64.41	0.440
450	8.35	34.67	26.99	116.54	0.91	64.46	64.52	0.440
460	8.25	34.66	26.98	117.01	0.92	64.52	64.58	0.440
470	8.09	34.68	27.03	112.92	0.94	64.57	64.63	0.440
475	8.01	34.68	27.04	111.02	0.94	64.60	64.66	0.440

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	ZTRANS	POT TR	POT C
10	22.67	34.68	23.81	410.77	0.04	56.02	56.02	0.580
20	21.96	34.49	23.86	405.98	0.08	57.62	57.62	0.550
30	18.99	35.00	25.05	293.48	0.12	61.98	61.98	0.481
40	18.46	34.98	25.15	283.03	0.14	62.35	62.35	0.473
50	17.52	34.86	25.29	270.03	0.17	62.75	62.76	0.467
60	16.83	35.07	25.62	239.55	0.20	63.77	63.77	0.450
70	16.69	35.09	25.69	234.47	0.22	63.83	63.84	0.450
80	16.60	35.13	25.72	230.57	0.24	63.96	63.97	0.450
90	16.40	35.09	25.75	228.59	0.27	64.20	64.21	0.442
100	16.13	35.07	25.79	224.28	0.29	64.21	64.22	0.440
110	16.00	35.11	25.85	219.81	0.31	64.40	64.41	0.440
120	15.85	35.07	25.85	219.66	0.34	64.65	64.66	0.440
130	15.77	35.11	25.90	215.14	0.36	64.66	64.68	0.440
140	15.70	35.06	25.89	217.11	0.38	64.59	64.61	0.440
150	15.61	35.04	25.89	216.91	0.40	64.59	64.61	0.440
160	15.41	34.97	25.88	218.25	0.42	64.73	64.75	0.440
170	15.19	35.00	25.96	211.26	0.44	64.70	64.72	0.440
180	14.99	35.01	26.00	207.20	0.46	64.54	64.56	0.440
190	14.86	35.03	26.05	203.05	0.48	64.61	64.63	0.440
200	14.75	34.96	26.01	206.69	0.50	64.29	64.31	0.440
210	14.46	34.83	25.98	210.02	0.52	64.26	64.28	0.440
220	14.15	35.00	23.17	191.69	0.54	54.06	64.09	0.450
230	14.11	35.00	26.19	190.80	0.56	63.91	63.94	0.450
240	14.00	34.91	26.14	195.81	0.58	63.68	63.71	0.450
250	13.62	34.84	26.16	193.09	0.60	63.57	63.60	0.450
260	13.21	34.90	26.29	181.05	0.62	63.70	63.74	0.450
270	13.05	34.90	26.32	178.22	0.64	63.67	63.71	0.450
280	12.86	34.87	26.33	177.07	0.65	64.19	64.23	0.440
290	12.71	34.96	26.44	167.60	0.67	64.19	34.23	0.440
300	12.45	34.83	26.39	172.59	0.69	63.65	63.69	0.450
310	11.95	34.82	26.49	163.66	0.71	64.37	64.41	0.440
320	11.75	34.88	26.57	156.28	0.73	64.63	64.67	0.440
330	11.63	34.85	26.56	156.10	0.73	64.68	64.72	0.440
340	11.49	34.79 34.78	26.55	158.26 154.75	0.76	64.74	64.79	0.440
350 360	11.24	34.78	26.58	150.58	0.77	64.75 64.72	64.76	0.440
370	10.77	34.77	26.65	147.73	0.80	64.73	64.78	0.440
380	10.52	34.68	26.63	150.61	0.81	64.74	64.79	0.440
390	10.27	34.72	26.71	143.56	0.83	64.61	64.66	0.440
400	10.10	34.66	26.69	145.24	0.85	64.96	65.01	0.430
410	9.77	34.50	26.71	144.04	0.86	64.91	64.96	0.430
420	9.45	34.62	26.78	137.23	0.87	64.36	64.41	0.440
430	9.28	34.67	26.84	131.06	0.89	54.48	64.54	0.440
440	9.11	34.59	26.80	135.07	0.90	54.60	64.66	0.440
450	8.88	34.60	26.84	130.56	0.91	64.78	64.83	0.430
460	8.58	34.56	26.86	128.65	0.92	64.62	64.68	0.440
470	8.23	34.61	26.95	119.62	0.93	54.18	64.24	0.440
480	9.00	34.68	27.05	111.57	0.95	64.16	64.22	0.440
490	7.95	34.64	27.02	113.62	0.96	63.75	63.82	0.450
500	7.85	34.60	27.00	115.41	0.97	64.09	64.15	0.442
600	7.08	34.59	27.11	105.97	1.08	65.15	65.22	0.430
700	6.39	34.59	27.20	98.14	1.18	65.11	35.20	0.430
800	5.89	34.61	27.28	90.99	1.28	65.10	65.20	0.430
900	5.30	34.56	27.31	88.32	1.37	65.14	65.25	0.430
1000	4.65	34.59	27.41	78.68	1.45	45.08	65.21	0.430

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
1100	4.25	34.60	27.47	73.19	1.53	65.13	65.27	0.430
1200	3.91	34.60	27.50	70.12	1.59	64.93	65.08	0.430
1300	3.54	34.62	27.55	65.50	1.67	64.39	64.56	0.440
1400	3.26	34.64	27.60	61.03	1.72	64.66	64.84	0.433
1500	3.00	34.63	27.61	59.41	1.79	64.98	65.17	0.430
1600	2.89	34.70	27.68	53.20	1.84	64.83	65.03	0.430
1700	2.72	34.69	27.68	52.89	1.89	64.03	64.25	0.440
1800	2.55	34.68	27.69	52.16	1.95	63.76	64.00	0.450
1900	2.45	34.72	27.74	47.84	2.00	64.03	64.27	0.440
1965	2.31	34.78	27.79	42.53	2.03	63.69	63.94	0.450

thau d Nais G

•

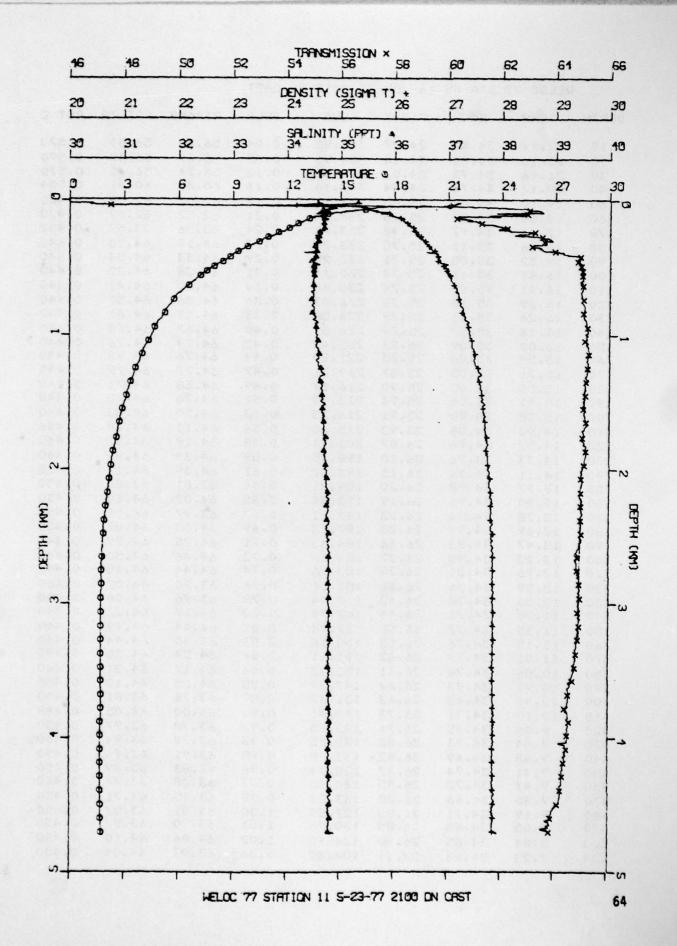
-

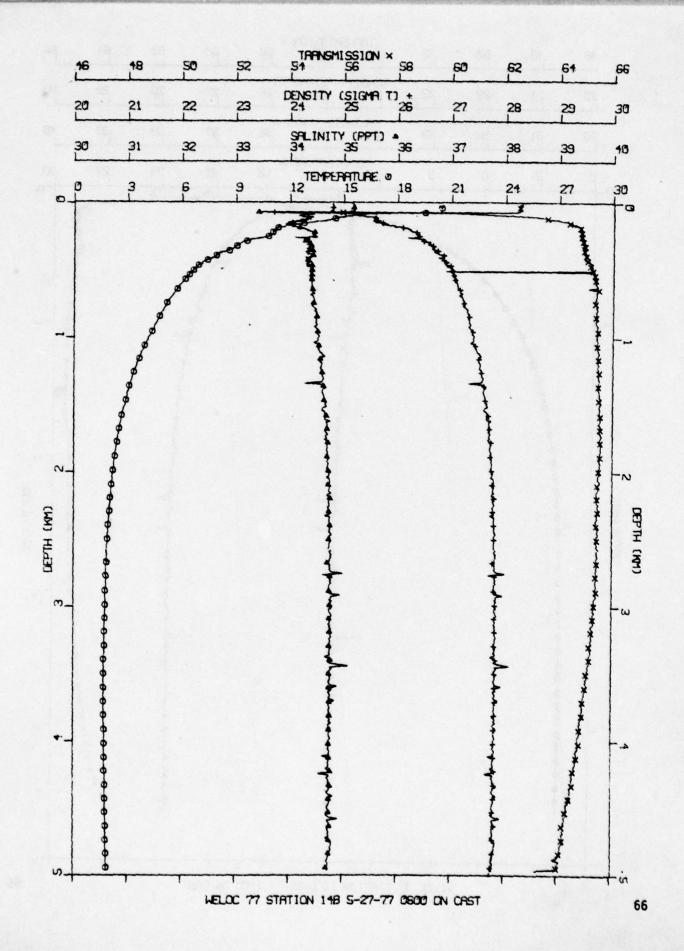
WELOC 77 STA 82 15-JUN-77 0845 IN CAST

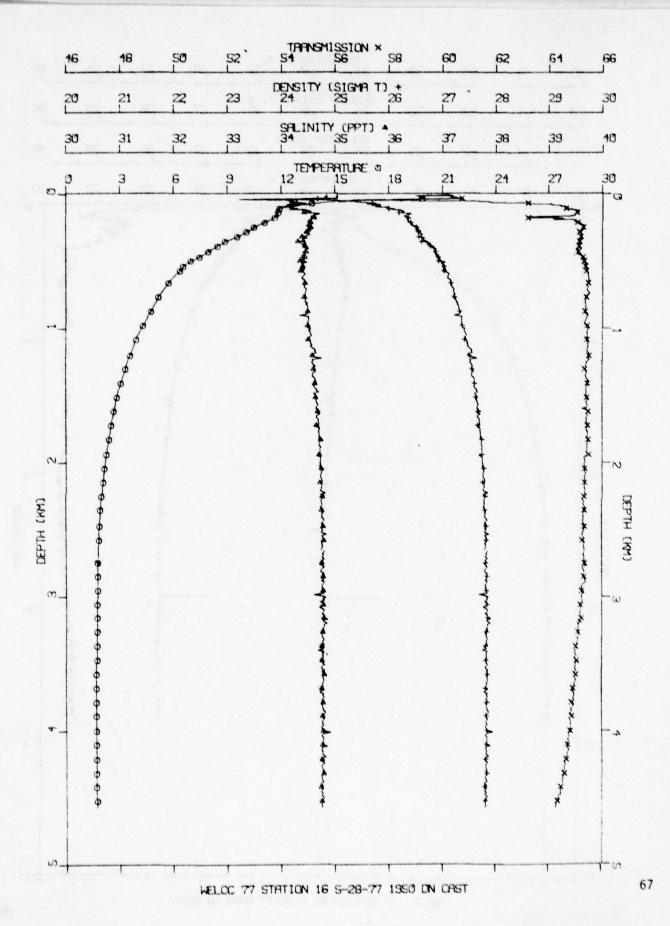
DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	22.25	74 75	27 00	704 10	0.05	E 4 00	E + 00	
10 20	22.24	34.75	23.98	394.19	0.05	54.88	54.88	0.600
	21.96	34.75		394.18	0.08	54.90	54.90	0.600
30 40	19.67	34.81	24.11	333.13	0.12	55.96 60.93	55.97 60.93	0.581
50	18.56	34.96	25.12	287.37	0.18	62.26	62.26	0.477
60	17.56	34.89	25.31	269.09	0.21	62.64	62.65	0.468
70	16.95	35.08	25.61	241.13	0.24	63.64	63.65	0.450
80	16.85	35.13	25.67	235.65	0.26	63.74	63.75	0.450
90	16.71	35.08	25.66	236.76	0.29	63.97	63.98	0.450
100	16.41	35.08	25.73	230.55	0.31	64.19	64.20	0.444
110	16.17	35.08	25.78	225.88	0.33	64.45	64.46	0.440
120	16.04	35.11	25.85	220.24	0.35	64.64	64.66	0.440
130	16.01	35.10	25.84	220.93	0.38	64.65	64.67	0.440
140	15.85	35.06	25.85	220.32	0.40	64.63	64.65	0.440
150	15.63	35.06	25.90	216.13	0.41	64.69	64.71	0.440
160	15.47	35.10	25.97	209.75	0.44	64.72	64.74	0.440
170	15.26	35.03	25.95	210.78	0.46	64.63	64.65	0.440
180	15.17	35.04	25.99	208.50	0.48	64.51	64.53	0.440
190	15.08	35.04	26.01	207.51	0.50	64.44	64.47	0.440
200	14.94	34.97	25.98	209.45	0.52	63.99	64.01	0.450
210	14.61	34.84	25.95	212.53	0.55	63.98	64.00	0.450
220	14.27	34.96	26.13	196.45	0.56	63.89	63.92	0.450
230	14.10	34.93	26.13	195.98	0.58	63.08	63.11	0.460
240	13.87	34.89	26.15	194.32	0.60	63.05	63.08	0.460
250	13.59	34.94	26.25	185.63	0.62	63.59	63.62	0.451
260	13.50	34.98	26.29	181.31	0.64	63.74	63.77	0.450
270	13.44	34.86	26.22	188.64	0.66	63.83	63.86	0.450
280 290	13.14 12.73	34.73 34.81	26.18 26.32	192.61 179.21	0.68	63.92	63.95 64.29	0.450
300	12.47	34.83	26.39	172.85	0.71	64.00	64.04	0.440
310	12.33	34.88	26.46	166.56	0.73	63.88	63.92	0.450
320	12.00	34.75	26.42	169.93	0.75	64.02	64.06	0.450
330	11.57	34.82	26.56	157.05	0.76	63.67	63.71	0.450
340	11.32	34.81	26.59	154.14	0.78	63.45	63.49	0.455
350	11.23	34.76	26.57	156.49	0.80	63.40	63.44	0.460
360	11.10	34.81	26.63	150.92	0.81	63.30	63.35	0.460
370	10.91	34.76	26.62	151.33	0.82	63.18	63.23	0.460
380	10.77	34.74	26.64	149.82	0.84	62.96	63.01	0.460
390	10.34	34.55	26.56	157.24	0.86	62.81	62.86	0.462
400	9.77	34.67	26.75	139.05	0.87	63.36	63.41	0.460
410	9.58	34.71	26.82	132.80	0.88	63.74	63.80	0.450
420	9.49	34.71	26.83	131.09	0.90	63.32	63.37	0.460
430	9.36	34.69	26.84	131.50	0.91	63.87	63.93	0.450
440	9.22	34.67	26.85	130.52	0.93	63.94	64.00	0.450
450	9.07	34.63	26.84	131.19	0.93	63.69	63.75	0.450
460	8.74	34.57	26.84	130.64	0.95	63.88	63.94	0.450
470	8.33	34.65	26.97	118.62	0.96	64.29	64.35	0.440
480	8.18	34.67	27.01	114.95	0.97	64.34	64.40	0.440
490	8.09	34.69	27.04 27.03	112.37 113.33	0.98	64.29	64.36	0.440
500		34.66				64.64	64.72	0.440
600	6.97	34.58 34.55	27.12	98.66	1.11	64.74	64.83	0.430
700 800	5.83	34.62	27.30	89.77	1.30	64.47	64.57	0.440
900	5.52	34.61	27.33	87.09	1.38	64.41	64.53	0.440
1000	4.82	34.61	27.42	78.85	1.47	63.66	63.79	0.450
								The same of the same of

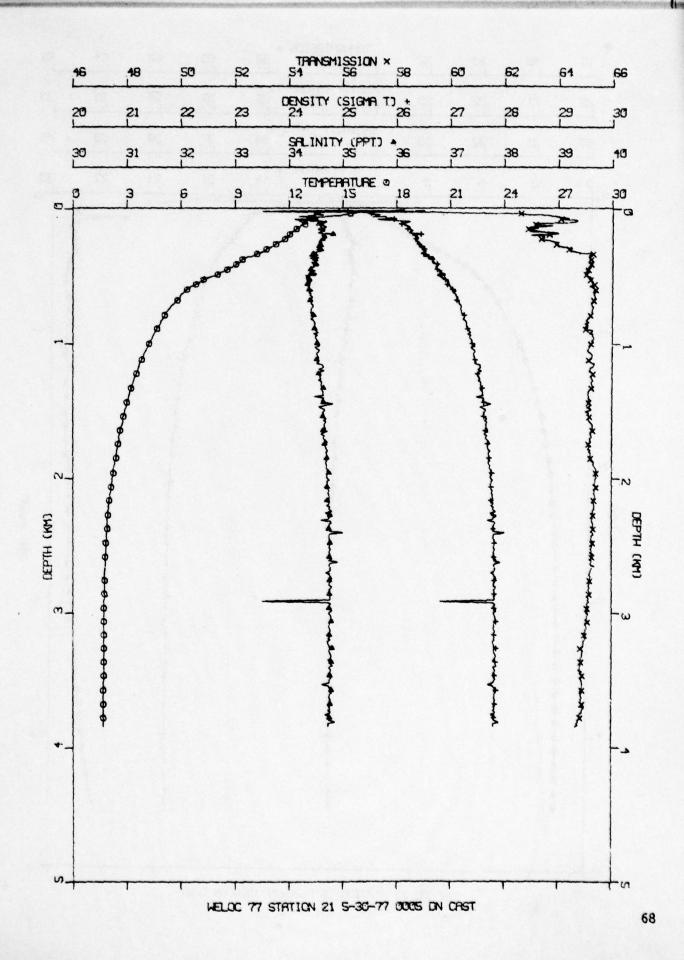
WELOC 77 STA 85 16-JUN-77 0015 IN CAST

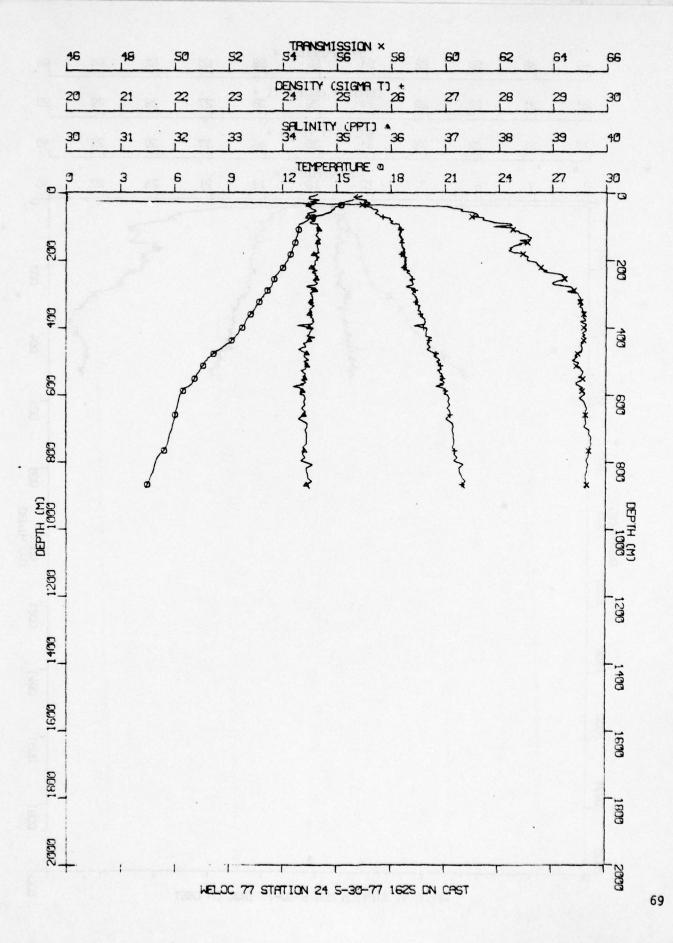
DEPTH	TEMP	SAL	SIG-T	SVA	DELD	%TRANS	POT TR	POT C
10	22.19	34.85	24.07	385.88	0.04	56.80	56.80	0.570
20	22.16	34.86	24.08	384.93	0.08	56.67	56.67	0.570
30	21.96	34.72	24.03	390.08	0.12	56.74	56.75	0.570
40	20.12	34.73	24.54	342.14	0.16	60.40	60.41	0.504
50	19.10	35.05	25.05	293.56	0.19	62.07	62.08	0.480
50	18.50	34.99	25.16	283.83	0.21	62.57	62.57	0.470
70	17.14	34.97	25.48	253.95	0.24	63.56	63.57	0.452
80	16.66	35.11	25.7Q	233.33	0.27	64.19	64.20	0.440
90	16.52	35.08	25.71	232.29	0.29	64.33	64.34	0.440
100	16.49	35.11	25.74	230.11	0.31	64.28	64.29	0.440
110	16.41	35.09	25.74	230.46	0.34	64.40	64.41	0.440
120	16.29	35.10	25.78	226.83	0.36	64.56	64.57	0.440
130	16.26	35.11	25.79	226.08	0.38	64.59	64.61	0.440
140	16.16	35.07	25.79	226.57	0.40	64.67	64.68	0.440
150	16.00	35.09	25.83	222.47	0.42	64.74	64.76	0.440
160	15.84	35.06	25.85	221.20	0.44	64.76	64.78	0.440
170	15.71	35.05	25.87	219.21	0.47	64.77	64.79	0.440
180	15.55	35.05	25.90	216.17	0.49	64.68	64.71	0.440
190	15.41	35.06	25.94	213.15	0.51	64.76	64.78	0.440
200	15.28	34.98	25.91	216.35	0.53	64.50	64.52	0.440
210	14.90	34.88	25.92	215.60	0.56		64.21	0.446
220	14.52	34.96	26.07	201.71 198.65	0.59	64.19	64.42	0.440
230	14.11	34.96	26.15	193.97	0.61	64.09	64.11	0.450
250	13.97	34.98	26.20	189.91	0.64	63.81	63.84	0.450
260	13.90	34.96	26.19	190.44	0.65	64.07	64.10	0.450
270	13.78	34.96	26.23	187.61	0.67	63.97	64.01	0.450
280	13.69	34.96	26.23	187.13	0.69	64.03	64.07	0.450
290	13.47	34.93	26.26	184.65	0.71	64.25	64.29	0.440
300	13.23	34.88	26.27	184.66	0.73	64.46	64.50	0.440
310	12.96	34.81	26.28	183.76	0.74	64.44	64.48	0.440
320	12.58	34.76	26.31	181.01	0.76	63.98	64.02	0.450
330	12.03	34.76	26.42	170.44	0.78	63.96	64.00	0.450
340	11.70	34.71	26.44	167.79	0.80	64.17	64.22	0.440
350	11.35	34.77	26.55	157.44	0.81	64.44	64.49	0.440
360	11.15	34.76	26.58	155.16	0.83	64.40	64.44	0.440
370	11.01	34.77	26.62	151.81	0.84	54.24	64.28	0.440
380	10.86	34.74	26.61	152.12	0.86	64.17	64.21	0.440
390	10.71	34.73	26.64	149.87	0.88	64.05	64.10	0.450
400	10.46	34.65	26.63	151.47	0.89	63.76	63.81	0.450
410	10.10	34.71	26.73	141.41	0.90	64.00	64.05	0.448
420	9.90	34.65	26.71	142.95	0.92	63.92	63.97	0.450
430	9.64	34.73	26.82	132.85	0.93	63.79	63.84	0.450
440	9.48	34.69	26.82	133.28	0.95	63.91	63.96	0.450
450 460	9.41	34.74	26.87 26.85	130.35	0.97	63.68	63.74	0.450
470	9.30	34.66	26.82	133.23	0.98	63.65	63.71	0.450
480	9.19	34.71	26.88	127.85	1.00	63.81	63.87	0.450
490	9.08	34.65	26.85	130.93	1.01	63.90	63.97	0.450
500	8.84	34.65	26.90	126.90	1.02	64.04	64.10	0.450
534	7.23	34.63	27.11	104.32	1.06	63.97	64.04	0.450
004	, , , , ,	0,1100						

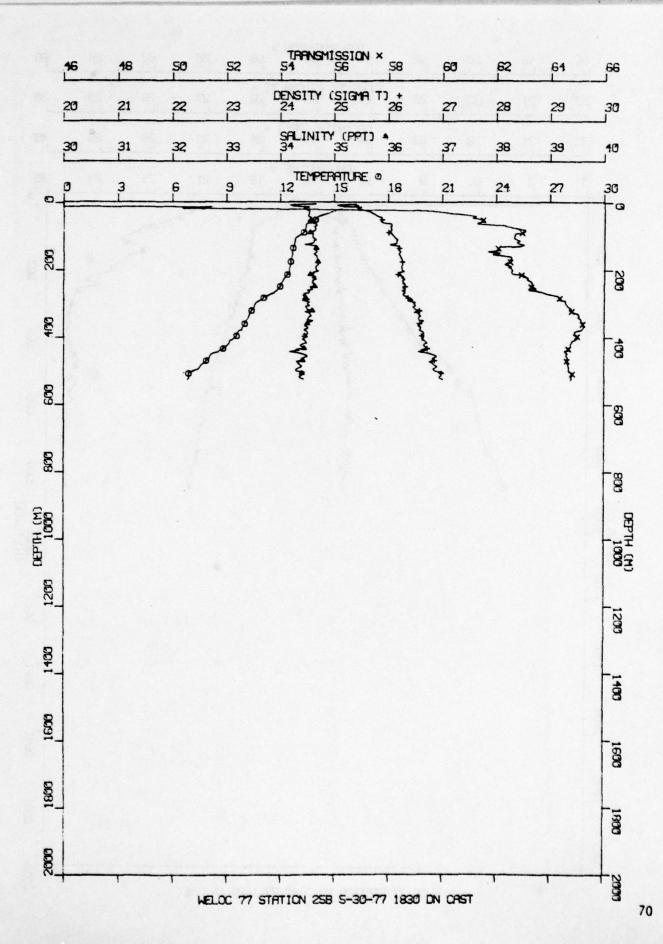


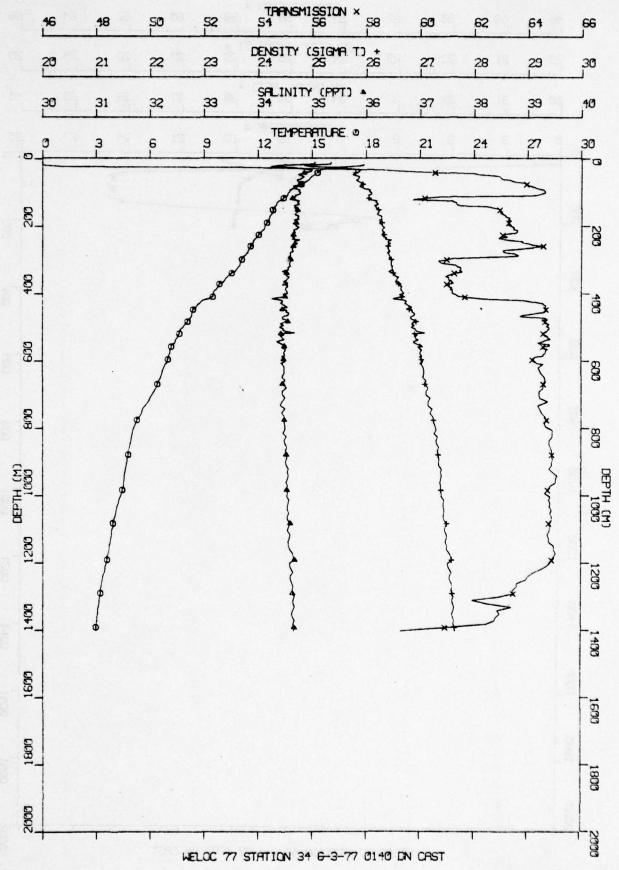


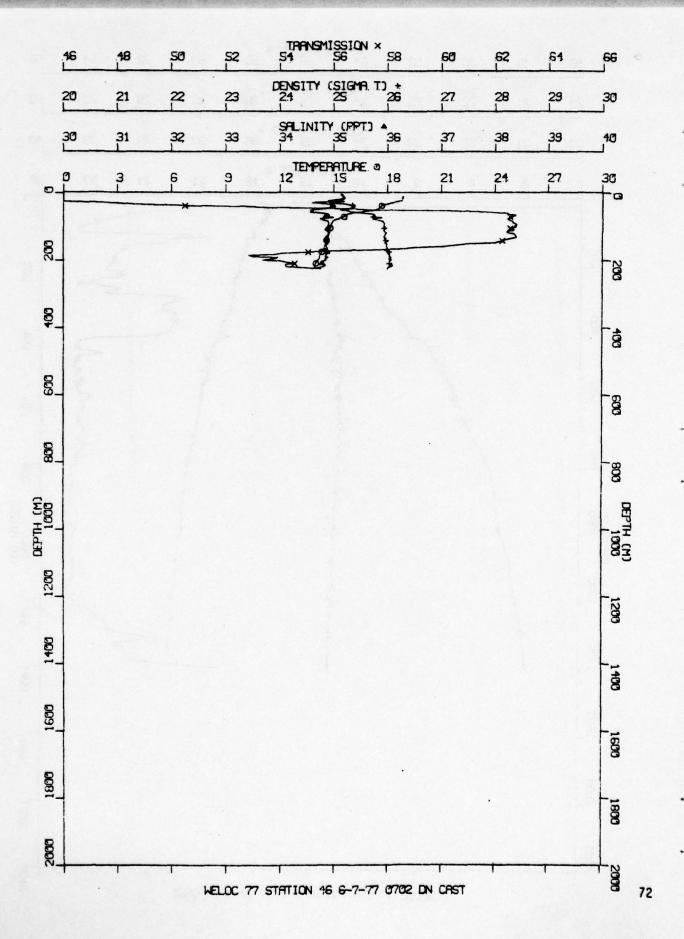


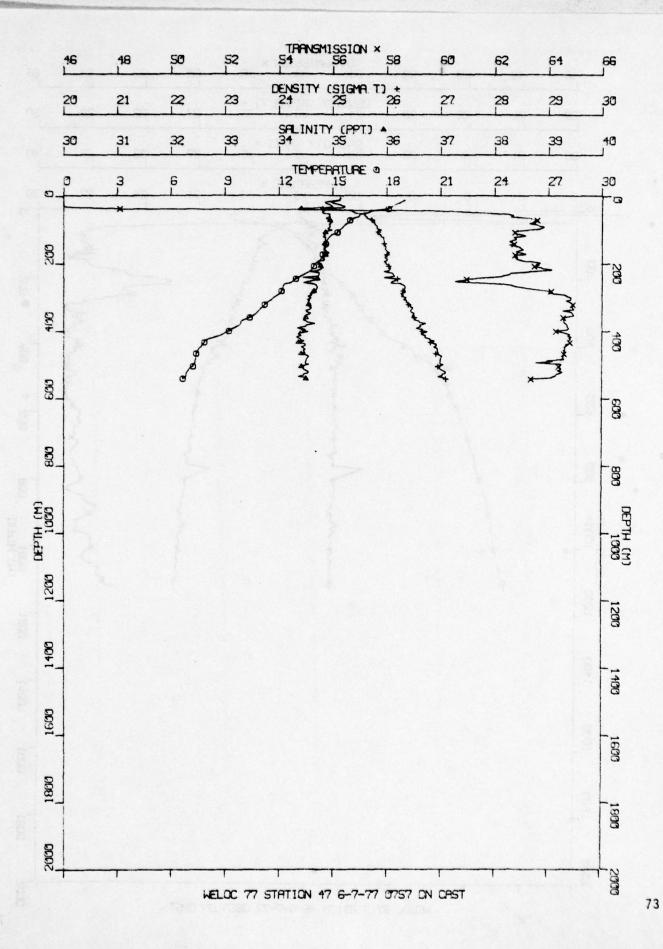


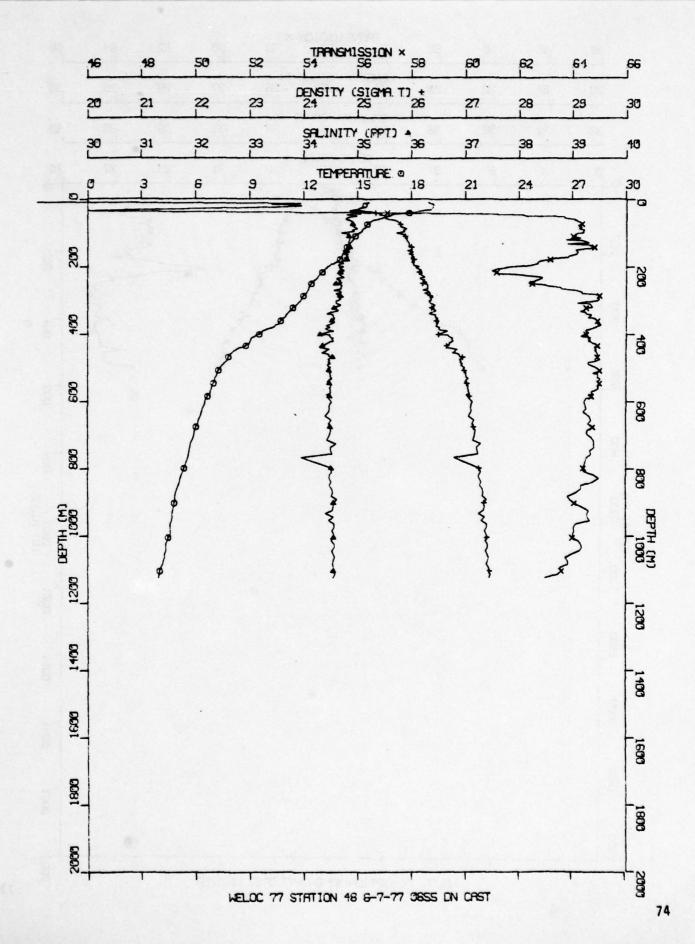


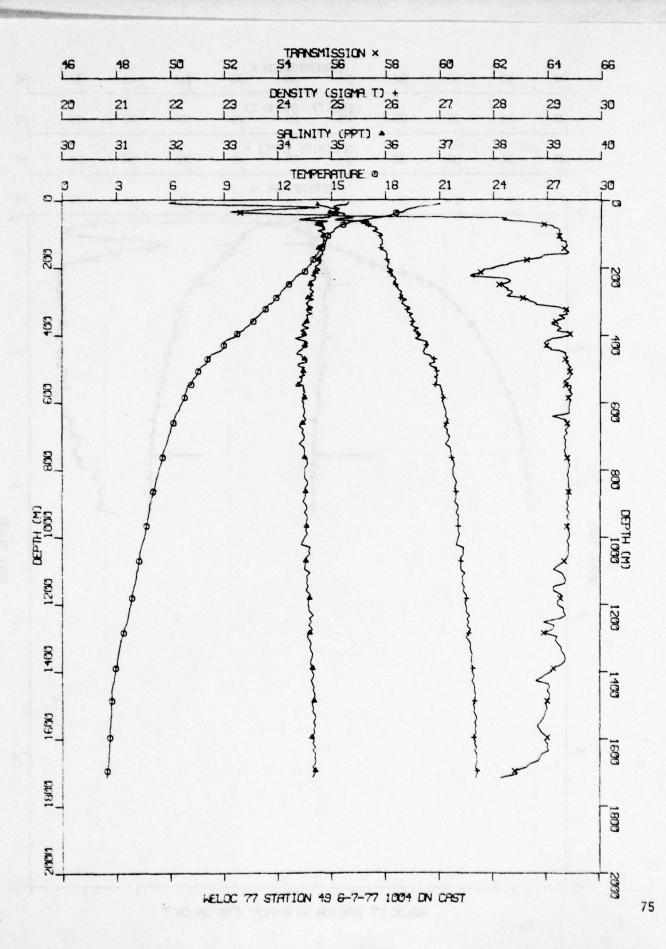


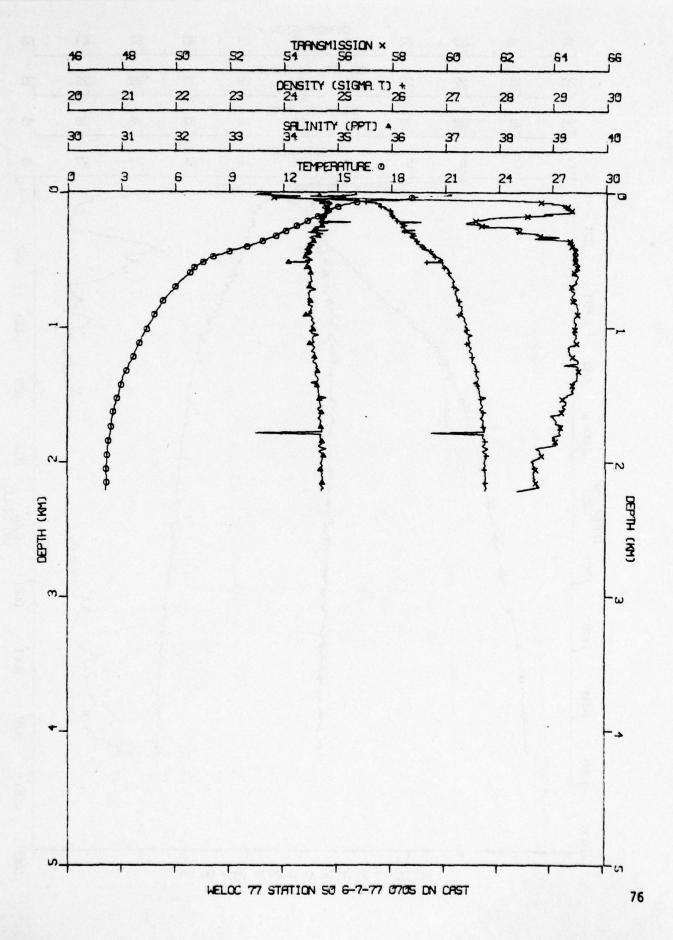


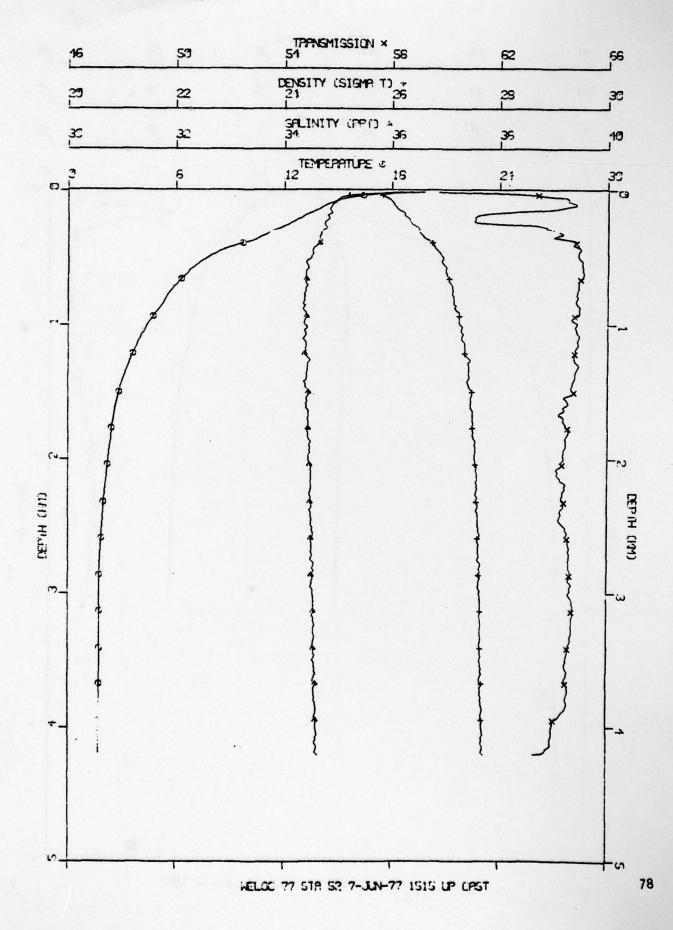


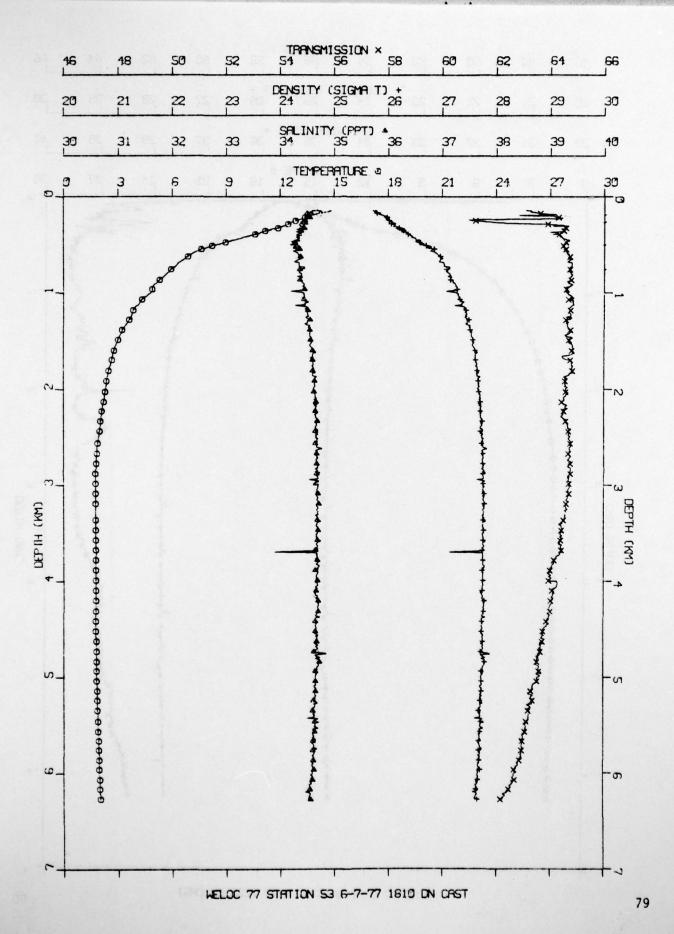


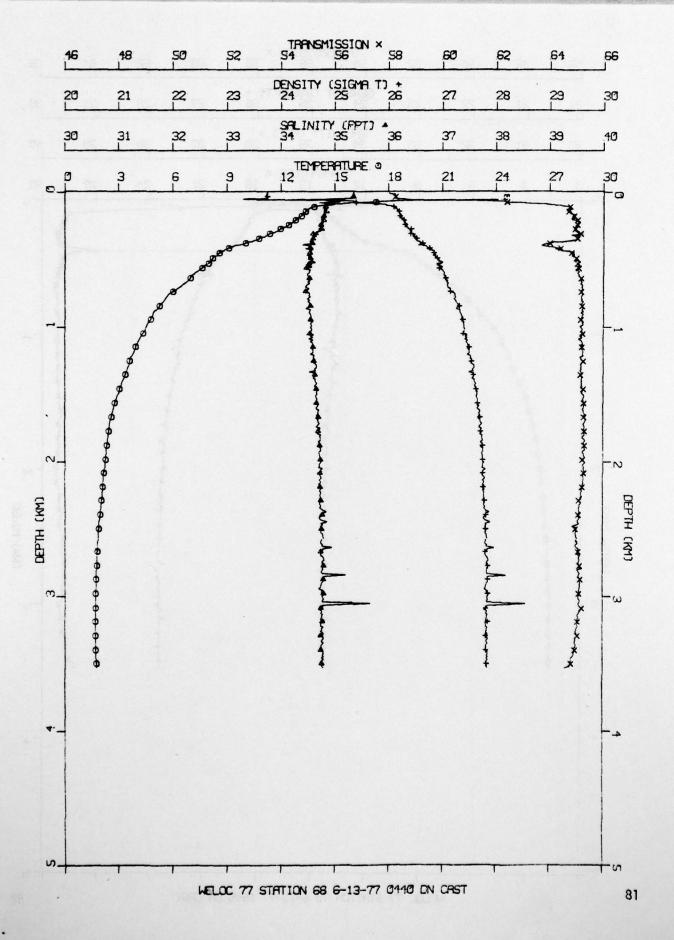


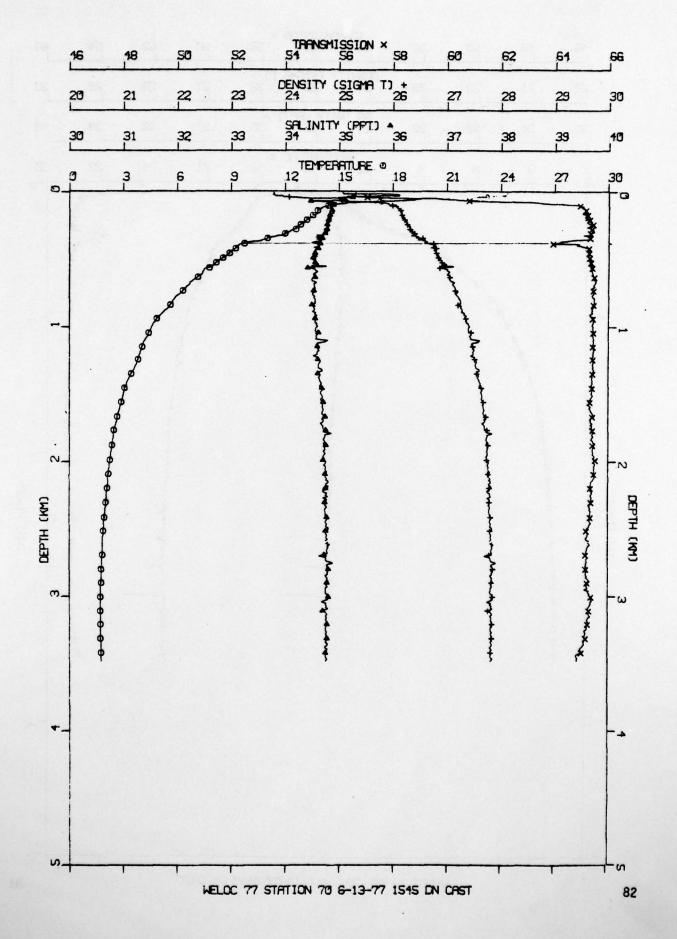


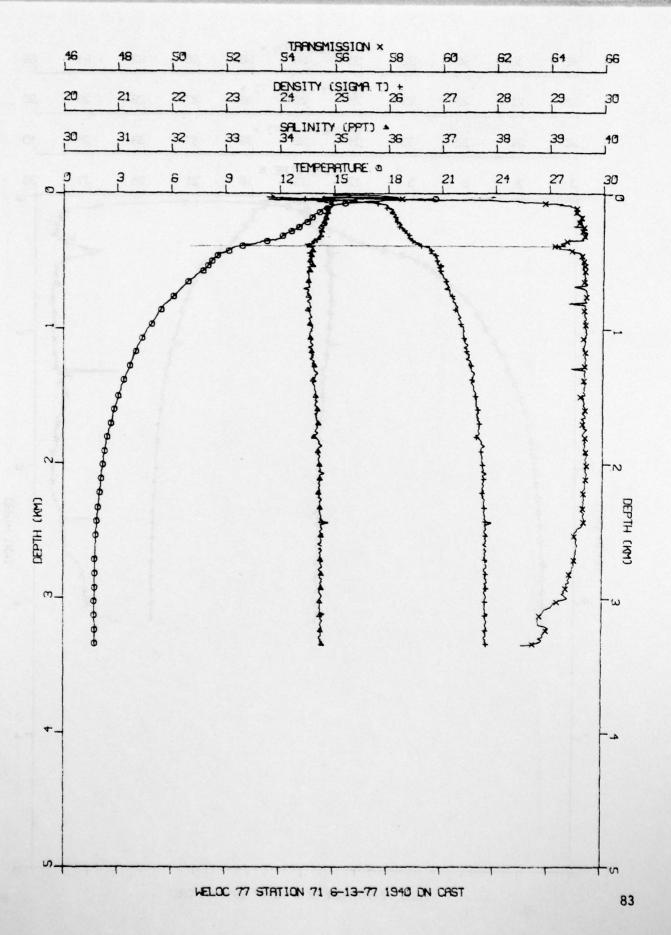


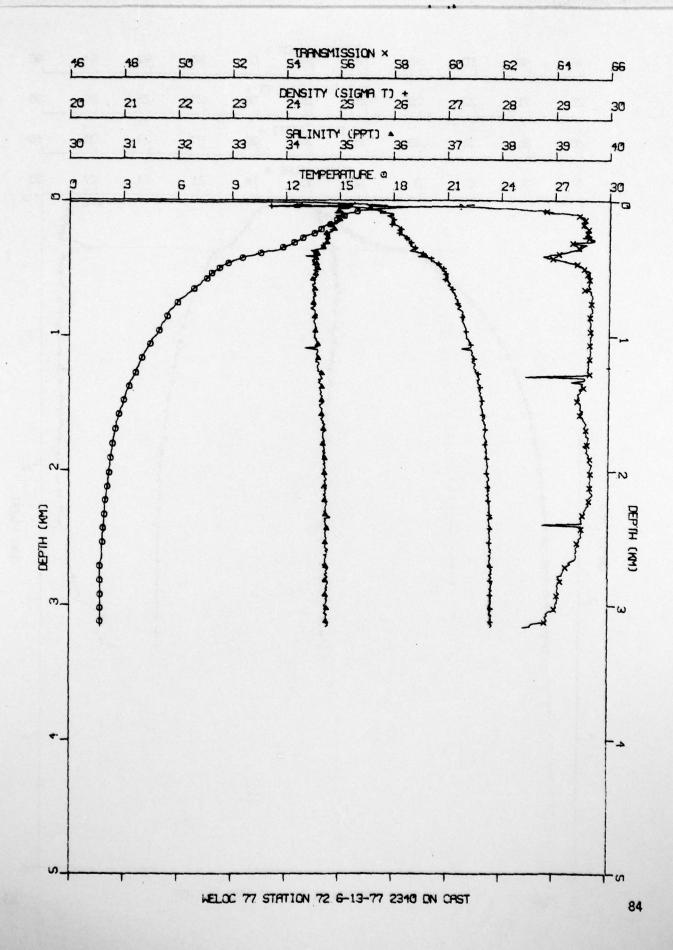


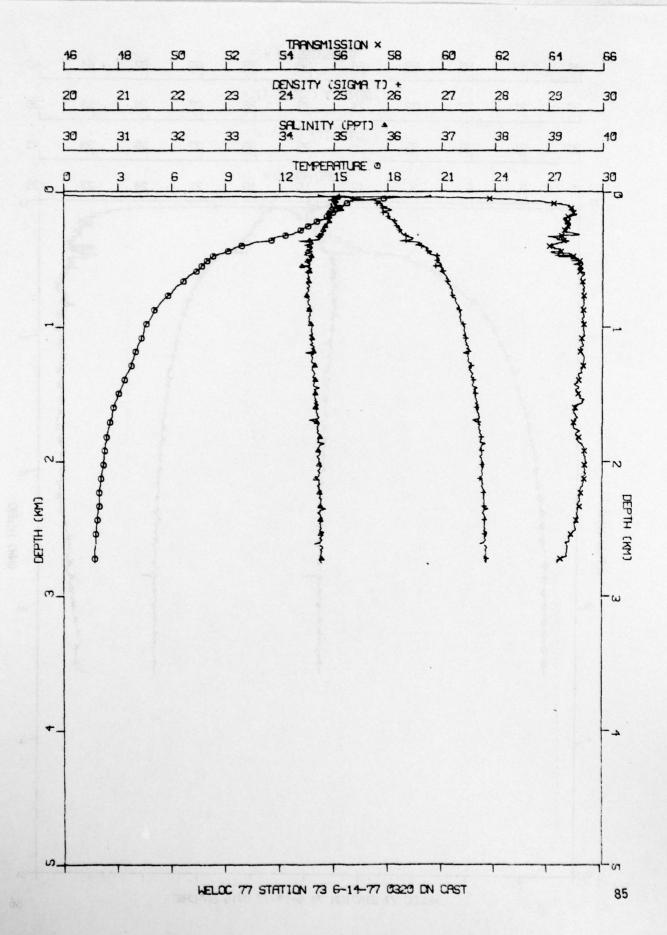


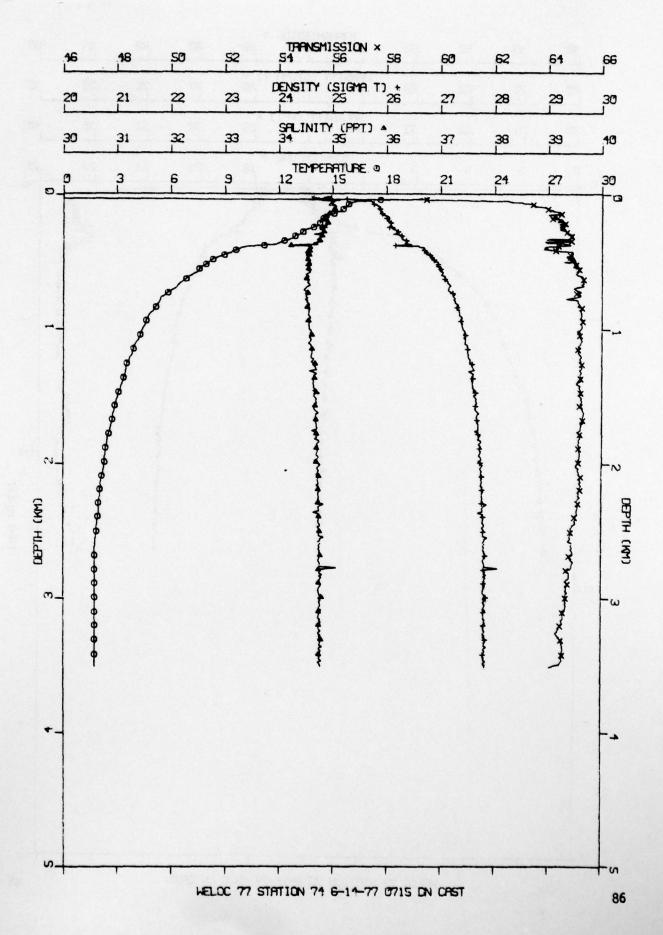


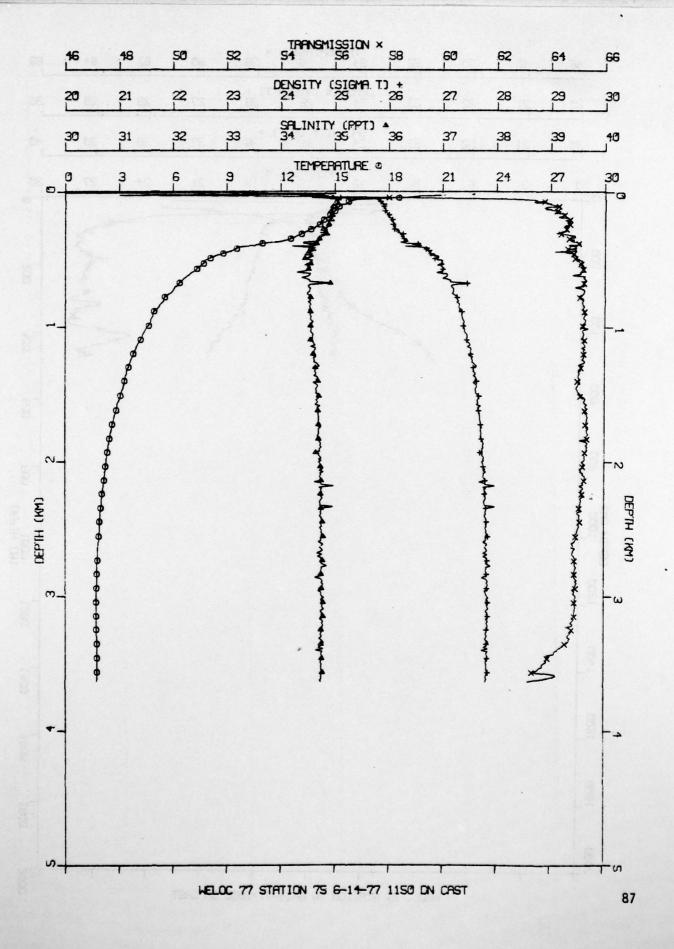


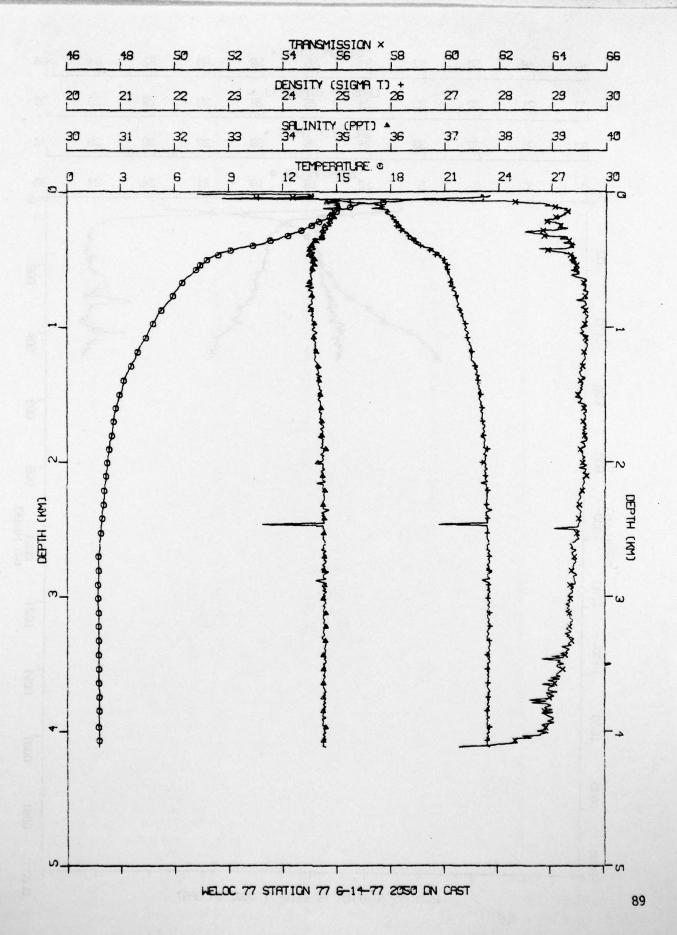


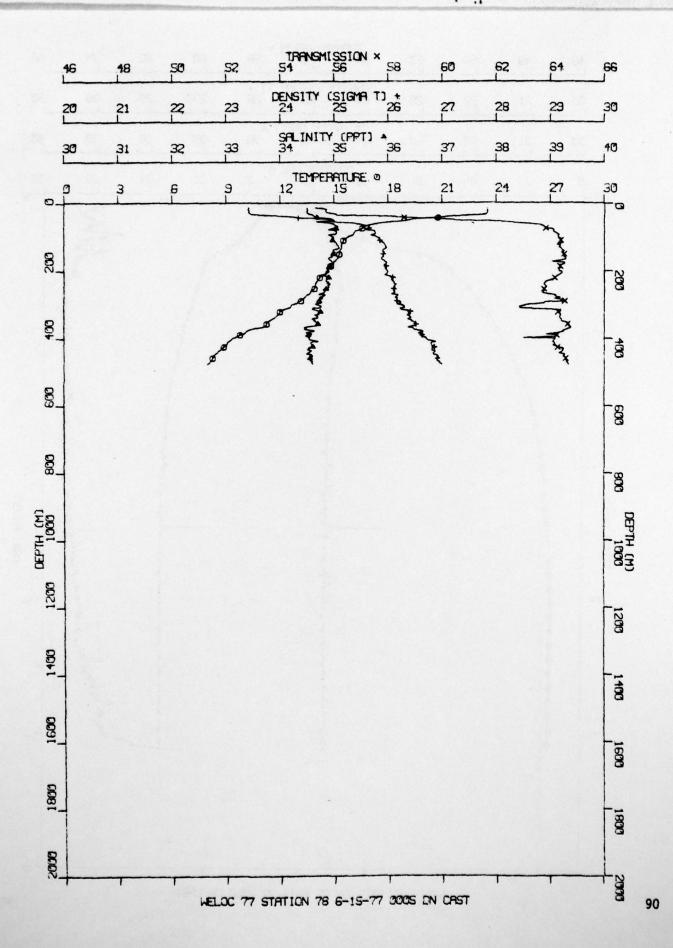


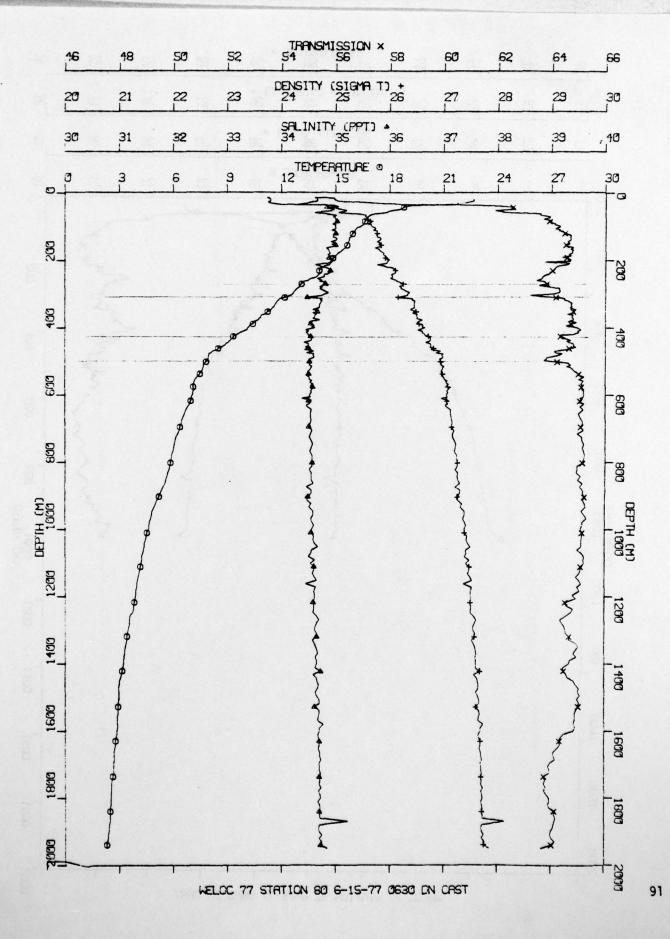


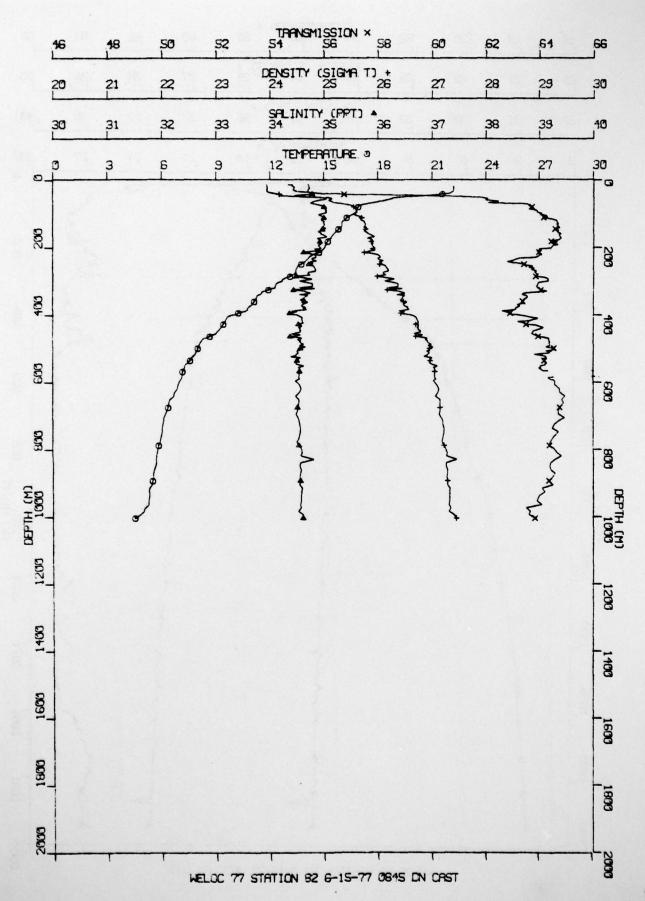












AD-A078 810 OREGON STATE UNIV CORVALLIS SCHOOL OF OCEANOGRAPHY F/G 8/10
OPTICAL AND HYDROGRAPHICAL OBSERVATIONS OFF THE COAST OF PERU D--ETC(U)
OCT 79 H PAK , D MENZIES , J R ZANEVELD N00014-76-C-0067
UNCLASSIFIED DATA-77



END DATE FILMED 1-80

OF 2

078810



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS 1963 A

